MARCH 20, 1936 NUMBER 304

THE UNIVERSITY OF NORTH CAROLINA RECORD

THE ONE HUNDRED AND FORTY-SECOND SESSION

THE GENERAL COLLEGE

CATALOGUE ISSUE

1935-1936

Announcements for the Session

1936-1937

THE UNIVERSITY OF NORTH CAROLINA PRESS
ISSUED 12 TIMES A YEAR AS FOLLOWS: 4 NUMBERS IN FEBRUARY, 3 NUMBERS IN MARCH, 3 NUMBERS IN APRIL, 1 NUMBER EACH IN JUNE AND OCTOBER
ENTERED AS SECOND-CLASS MATTER AT THE POSTOFFICE AT
CHAPEL HILL, N. C.
UNDER THE ACT OF AUGUST 24, 1912

CALENDAR FOR 1936

JANUARY

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CALENDAR FOR 1937

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CATALOGUE OF EVENTS

SESSION, 1936-1937

1936	
June 7-9	*Sunday through Tuesday.* Commencement Exercises.
June 11-July 22	Summer Session, First Term.
July 23-August 29	Summer Session, Second Term.
September 11-17	*Friday through Thursday.* Freshman Week and Registration.
September 14-15	*Monday and Tuesday.* Examinations to remove condition grades.
September 17	*Thursday.* Registration (all except Freshmen) for the fall quarter.
September 18	*Friday.* Class work for the fall quarter begins.
October 12	*Monday.* University Day.
November 25	*Wednesday.* Thanksgiving Recess begins (1:00 p.m.).
November 30	*Monday.* Thanksgiving Recess ends (8:30 a.m.).
December 10-19	*Thursday to 1:00 p.m. Saturday of following week.* Registration for the winter quarter.
December 15-19	*Tuesday through Saturday (1:00 p.m.)* Examinations for the fall quarter.
Dec. 19 (afternoon) December 30	Christmas Recess.
December 31	*Thursday.* Registration of new students.
1937	
January 1	*Friday.* Class work for the winter quarter begins.
January 30	*Saturday.* First term of the School of Law ends.
February 1	*Monday.* Second term of the School of Law begins.
March 5-13	*Friday to 1:00 p.m. Saturday of following week.* Registration for the spring quarter.
March 9-13	*Tuesday through Saturday (1:00 p.m.).* Examinations for the winter quarter.
March 15	*Monday.* Registration of new students.
March 16	*Tuesday.* Class work for the spring quarter begins.
April 11-18	*Sunday through Sunday.* Spring Recess.
May 31-June 4	*Monday through Friday.* Examinations for the spring quarter.
June 6-8	*Sunday through Tuesday.* Commencement Exercises.

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OFFICERS OF ADMINISTRATION

THE CONSOLIDATED UNIVERSITY

Frank Porter Graham, M.A., LL.D., D.C.L., D.Litt., *President.*
Charles Thomas Woollen, *Controller.*

THE UNIVERSITY

Frank Porter Graham, M.A., LL.D., D.C.L., D.Litt., *President of the Consolidated University.*
Charles Thomas Woollen, *Controller of the Consolidated University.*
Robert Burton House, A.M., *Dean of Administration.*
Livingston Bertram Rogerson, *Assistant Controller.*
Allan Wilson Hobbs, Ph.D., *Chairman of the Faculty.*
Thomas James Wilson, Jr., Ph.D., *Dean of Admissions, Registrar, and Secretary of the Faculty.*
Robert Bingham Downs, M.S., *Librarian.*
Francis Foster Bradshaw, Ph.D., *Dean of Students.*
Mrs. Marvin Hendrix Stacy, *Adviser to Women.*
Robert Allison Fetzer, B.S., M.A., *Director of Athletics.*
Julius Algernon Warren, *Treasurer and Bursar.*
Ben Husbands, A.B., *Associate Registrar.*
George Kenneth Grant Henry, Ph.D., *Assistant Registrar.*
Matt Lee Thompson, S.B.Comm., *Auditor.*

THE COLLEGE AND THE SCHOOLS

Allan Wilson Hobbs, Ph.D., *Dean of the College of Arts and Sciences.*
William Whatley Pierson, Ph.D., *Dean of the Graduate School.*
Maurice Taylor Van Hecke, J.D., *Dean of the School of Law.*
Charles Staples Mangum, A.B., M.D., *Dean of the School of Medicine.*
John Grover Beard, Ph.G., Ph.M., *Dean of the School of Pharmacy.*
*Herman Glenn Baity, Sc.D., *Dean of the School of Engineering.*
Dudley DeWitt Carroll, M.A., *Dean of the School of Commerce.*
Corydon Perry Spruill, Jr., A.B., B.Litt. (Oxon.), *Dean of the General College.*
Susan Grey Akers, Ph.D., *Director of the School of Library Science.*

THE EXTENSION DIVISION

Russell Marvin Grumman, B.H., *Director.*
Edgar Ralph Rankin, A.M., *Head, Department of School Relations.*
William John McKee, C.E., Ph.D., *Head, Department of In-Service Teacher Training.*

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* Absent on leave 1935-1936 in Federal Administrative Work; his place is supplied by Professor William Jasper Miller as Acting-Dean.

PHYSICAL EDUCATION FOR MEN

THE GYMNASIUM

ROBERT BAKER LAWSON, M.D., *Director.*
JAMES ACRA HACKNEY, JR., *Secretary.*
EMERY ELISHA RAPER, *Assistant.*

PHYSICAL EDUCATION FOR WOMEN

GLADYS ANGEL BEARD, M.A., *Director.*

THE INFIRMARY

WALTER REECE BERRYHILL, A.B., M.D., *University Physician.*
EDWARD MCGOWAN HEDGPETH, A.B., M.D., *Assistant University Physician.*
FAY CHOATE, *Registered Nurse.*
MARGARET MCKEE, *Registered Nurse.*
CARTER RIDDLE, *Registered Nurse.*
RUTH BARNES, *Technician.*

THE YOUNG MEN'S CHRISTIAN ASSOCIATION

HARRY FULCHER COMER, M.A., *General Secretary.*
EDWIN SIDNEY LANIER, *Self-Helf Secretary.*
HELEN LOUISE HODGES, A.B., *Office Secretary.*

THE UNIVERSITY

FOUNDATION AND GOVERNMENT

The University was established in obedience to the first Constitution of the State, which was adopted in December, 1776. A clause of section XLI declared that "all useful learning shall be duly encouraged and promoted in one or more universities." The charter was granted by the General Assembly in 1789, the cornerstone of the Old East Building was laid in 1793, and the University was opened in January, 1795.

By the Constitution adopted in 1868 the General Assembly has "power to provide for the election of Trustees of the University of North Carolina, in whom, when chosen, shall be vested all the privileges, rights, franchises and endowments thereof in anywise granted to or conferred upon the trustees of said University; and the General Assembly may make such provisions, laws and regulations, from time to time, as may be necessary and expedient for the maintenance and management of said University." The Governor of the State is *ex officio* President of the Board of Trustees.

The same Constitution, in connection with "Benefits of the University," further states: The General Assembly shall provide that the benefits of the University, as far as practicable, be extended to the youth of the State free of expense for tuition; also, that all the property which has heretofore accrued to the State, or shall hereafter accrue, from escheats, unclaimed dividends, or distributive shares of the estates of deceased persons, shall be appropriated to the use of the University.

There is also a Division of Extension through which the services of the University Faculty and certain material equipment of the University are made available to the people of the State generally.

ADMISSION TO THE GENERAL COLLEGE

By order of the Board of Trustees women are not eligible for admission to the General College.

Age: All applicants for admission to the General College must be sixteen years of age by or before the actual date of their first registration.

Character: All applicants for admission to the University, including of course the General College, are required to furnish satisfactory evidence of good character as a prerequisite to consideration for admission.

Health: All General College registrants are required to report to the University physician for a physical examination immediately before, during, or immediately after the period of their first registration.

Trustee regulations make it mandatory that all matriculates satisfy the University physician that they have been successfully vaccinated against smallpox. Those unable to furnish such evidence, or who have never been vaccinated at all, will be vaccinated here. Since a smallpox vaccination sometimes disrupts one's normal activities for several days, it is highly desirable from the applicant's standpoint that this detail be attended to before he presents himself for registration.

Admission to Freshman Standing

BY CERTIFICATE: Formal application for admission to freshman standing, which is generally understood to mean candidacy for a baccalaureate degree, is made by submitting 1) personal data called for on an application form and 2) a satisfactory statement of high or preparatory school achievement. Such a statement is expected to show 1) the completion of an accredited four-year high or preparatory school course, or its equivalent, which ordinarily means graduation; 2) fifteen units acceptable to us, including our minimal requirements as outlined below; and 3) that the applicant has attained the certifying average of the school last attended. Application-for-admission blanks may be secured by writing the Associate Registrar (Box 588, Chapel Hill, N. C.) who, upon approving one's application, will undertake to secure directly from the proper official of the school graduating the applicant an appropriate certification of the applicant's record. Satisfactory evidence of one's eligibility for admission should be in the hands of the designated official at least fifteen days before the opening of the quarter in which it is desired to enroll.

Summary of Admission Units

The fifteen-unit minimum offered for admission should include the following *required* distribution, except as may be provided for in the explanatory notes appearing immediately after the section headed *Admission by Examination:*

English (four years)	4	units
Algebra (one and one-half years)	1½	units
Plane Geometry (one year)	1	unit
Foreign Language (two years in *one* language)	2	units
Social Science (one year)	1	unit
Natural Science (one year)	1	unit
Electives	4½	units

ELECTIVES: It is strongly urged and recommended that elective units be made up from the fields of mathematics (second-year algebra for a full year, solid geometry for a half year, and plane trigonometry for a half year), social science (ancient history, mediaeval and modern history, modern history, English history, American history, American history and civics as a combination, civics, sociology, and economics), foreign language (Spanish, German, French, Latin, and Greek, with not fewer than two units in any one), and science with full laboratory

(chemistry, physics, biology, botany, zoölogy, geology, physiography, and general science). One unit is allowed for a full year's work in any one of the named sciences, provided lectures or recitations *and* laboratory work are involved; if no laboratory work is included, any one of the named sciences, taken for a full year, carries only a half unit credit. *A credit of less than a half unit will not be allowed in any subject.*

In addition to credits from the fields specified immediately above, an applicant may offer subjects that are vocational in nature. Ordinarily no more than three units in vocational work may be credited; but the officer of admissions may, in his discretion, allow credit to the extent of four vocational units. It must in every instance be evident that such credits have been counted towards the high or preparatory school diploma. The officer of admissions has been granted discretionary authority to determine what may or may not be acceptable.

For certain curricula the requirement in foreign language is more precise than may be apparent from the statements made above. The courses of study leading to the following degrees require the language indicated: S.B. in Commerce and S.B. in Geology, Spanish or German or French; S.B. in Medicine, German or French; S.B. in Chemistry and S.B. in Physics, German. It should be remembered that the *general entrance requirement* in foreign language may be satisfied by a two-unit offering in Latin or Greek, but that at the beginning of a student's first year in residence he will be required to take up that language which is appropriate for the study program of his junior and senior years. No degree credit will be allowed for the elementary part of the foreign language chosen.

Although no applicant will be admitted on certificate with fewer than fifteen acceptable units, the officer of admissions will, in general, be primarily concerned with substantial evidences of a serious, well-defined purpose on the part of the applicant and with his apparent ability and determination to utilize effectively the educational and cultural opportunities available to all at the University.

The right to reject the application of any applicant who ranked in the lowest quarter of his high or preparatory school graduating class is reserved. This right will be exercised unless the applicant is able to offer weighty evidence tending to prove that there is a strong probability of academic success in the General College.

Provision is made for students who present credits in excess of the fifteen required units to take substantiating examinations for advanced standing in whatever subjects the Dean of the General College may deem advisable. This opportunity is open to those who have taken in high or preparatory school work over and above the minimal entrance requirements, which is approximately equivalent to some of the freshman-year program in the General College. The passing of such examinations will enable the student to take during his first year the next course in the subject on which he is examined or to take other subjects

not ordinarily pursued by freshmen. Formal application for examinations of this sort should be made to the Dean of the General College sufficiently far in advance of the date of registration to enable him to arrange for the examinations. For this purpose, fifteen days' notice suffices. No charge is made for these examinations.

ADMISSION BY EXAMINATION: Persons desiring admission to the General College who are unable to offer satisfactory evidence of eligibility on the basis of a certificate from an accredited school may qualify for admission by passing our entrance examinations. The tests used for this purpose are designed to determine the examinee's ability in general and his fitness for college work. The form of the examination actually used is comparable to the tests of college aptitude and subject matter achievement furnished by the American Council on Education.

Entrance examinations are held on the first Saturday in June and may be arranged for on request immediately before the opening of the fall, winter, and spring quarters. As a rule these examinations may be completed within one day, the results tabulated, and a determination of the examinee's success or failure made and announced. Sample copies of previously given examinations are not available for distribution. A fee of one dollar is charged each person taking the entrance examination, which fee is not refundable.

Applicants seeking admission to the General College on the basis of preparation secured under the supervision of private tutors must in every instance qualify on the basis of our entrance examination. Certificates attesting to one's preparation in this wise are not *per se* acceptable.

The University is coöperating with the Commission on the Relation of School and College of the Progressive Education Association. During the course of the eight-year experiment being conducted by that Commission, students recommended by member schools will be accepted for admission to the General College without regard to other entrance requirements.

EXPLANATORY NOTES: (1) Algebra: An applicant who offers only one unit in algebra but who otherwise qualifies for admission may absolve himself from the deficiency in any one of three ways: a) he may take our Freshman Mathematics and, if he passes on the first trial, the deficiency is automatically removed; or b) he may secure intermediate algebra by attending the University's demonstration high school during the first term of the summer session (see Summer Session Announcements, separate bulletin); or c) he may, with or without the aid of a private tutor, prepare for a special examination during his first year in residence, to be taken under the supervision of our Department of Mathematics. (2) Plane Geometry: An applicant who is unable to offer the required unit in plane geometry may, if he otherwise qualifies for admission, remove the deficiency in either of two ways: a) he may secure plane geometry by attending the University's demonstration high school during the first term of the summer session

(see Summer Session Announcements, separate bulletin); or b) he may, with or without the aid of a private tutor, prepare for an examination during his first year in residence, to be taken under the supervision of our Department of Mathematics. (3) Foreign Language: An applicant who otherwise qualifies for admission but who is unable to meet the requirement in foreign language may remove the deficiency by taking, and passing satisfactorily, the elementary part of Spanish or German or French or Latin or Greek. These subjects are given during the regular academic year, September to June, and, except for Greek, during the summer session. Generally speaking, one unit in foreign language will not be counted towards the fifteen unit total required to be offered. Since all our undergraduate curricula presuppose admission without deficiencies, it is very desirable that applicants with deficiencies seek to clear these during the summer immediately preceding the fall opening at which they expect to matriculate. *All entrance deficiencies must be removed before registration for one's fourth quarter in residence,* not counting the summer session.

Admission to Advanced Standing in the General College

Persons seeking admission to the General College on the basis of work of college or university grade taken elsewhere are required to present for review and examination properly certified statements covering such work. Such transcriptions of record should be in hand at least fifteen days before the opening of the quarter in which the applicant desires to enroll. Formal application for admission must be made, and blanks for this purpose may be secured by writing the Associate Registrar (Box 588, Chapel Hill, N. C.). Each transcript of record will be evaluated in terms of our General College requirements, and credits allowed may or may not be approximately equivalent quantitatively to the total secured in terms of the curriculum pursued at the college or university from which the applicant seeks to transfer. No credit is allowed for work done at non-standard or non-accredited colleges and universities unless a substantiating examination in each subject for which credit is sought is passed. These examinations must be taken here.

The right is reserved to reject wholly or in part any record submitted in support of an application for admission with advanced standing and to require a validating examination in any or all of the subjects for which credit is desired. Applicants who have failed to maintain a satisfactory scholarship record as distinguished from a record which is poor, or barely passing, or who, for any reason whatsoever, are ineligible to continue in the institution from which they seek to transfer are advised not to seek admission on any basis to the General College. We do not disregard at any time or under any conditions college or university records in order to admit applicants solely on the basis of their high or preparatory school records. It will be considered a flagrant violation of the honor code if any applicant

makes a false statement in his application for admission with reference to previous college or university attendance in order to gain admission on the basis of a high or preparatory school record.

Applicants from outside of North Carolina, *i.e.*, non-residents of North Carolina, may be required to supplement their applications and certificates or transcripts by a personal interview with a representative of the University, the time and place being arranged upon request from interested persons.

The University is not an accrediting agency. It accepts the accreditation of the North Carolina State Department of Education insofar as high and preparatory schools and colleges, junior or four-year institutions, are concerned. Outside of North Carolina, the University depends upon the accreditation of the departments of education of the various states, upon the accreditation of state universities or institutions of comparable rank, and upon the accreditation of regional accrediting agencies.

GUIDANCE OF STUDENTS IN THE UNIVERSITY

The University conceives education to be directed toward the best development of each individual. Since no two persons have exactly the same powers and potentialities it follows that no two students can profit equally by the same educational experiences. The University accordingly seeks to study each student in terms of his own background of experience and his own potentialities of interest, ability, and cultural needs.

Before admission of the student the University obtains from him and his school principal pertinent information concerning the applicant's personal history. This information is made the basis for a cumulative personnel record of each student. To it are added placement test scores, results of physical examination, grades on courses, record of activities, etc. This record is in the hands of the General College Adviser from the time the applicant is accepted until he completes the General College course. Then the student and the record go together to the departmental adviser according to the major field of study chosen. Finally this record is available for vocational guidance and for inspection by prospective employers.

In this way the University is making every effort to deal with each student from admission to graduation as an individual personality about whom a definitely responsible adviser always has the needed information. In using this information the personal interest and experience of the adviser may be supplemented in case of special need by members of the General Administration competent in such special fields as health, financial aid, vocational guidance, mental hygiene, and religious and moral problems.

Because the abrupt transition from the intimate supervision of home life to the greater freedom of campus living creates special difficulties for the freshman, the University is making an added provision for daily contact between individual freshmen and a mature and interested upperclassman or graduate. Twenty-six such resident adviserships have already been established in four dormitories and two fraternities. These resident advisers are carefully chosen, receive a small stipend from the University, and work in close coöperation with the General College staff in their personal contacts with the freshmen for whom they are responsible.

THE GENERAL COLLEGE

OFFICERS OF ADMINISTRATION

Frank Porter Graham, M.A., LL.D., D.C.L., D.Litt., *President of the Consolidated University.*

Robert Burton House, A.M., *Dean of Administration.*

Corydon Perry Spruill, Jr., A.B., B.Litt. (Oxon.), *Dean.*

THE COMMITTEE OF ADVISERS IN THE GENERAL COLLEGE

Stephen Albert Emery, Ph.D., *Associate Professor of Philosophy.*

Michael Arendell Hill, Jr., A.M., *Associate Professor of Mathematics.*

Ernest Lloyd Mackie, Ph.D., *Professor of Mathematics.*

Harry Kitsun Russell, Ph.D., *Assistant Professor of English.*

Corydon Perry Spruill, Jr., A.B., B.Litt. (Oxon.), *Professor of Economics.*

Henry Roland Totten, Ph.D., *Professor of Botany.*

William Leon Wiley, Ph.D., *Associate Professor of French.*

During his first two years in the University at Chapel Hill every student is a member of the General College unless he enters the School of Pharmacy. The studies in the General College are intended: (1) to offer an experience in a sufficient variety of basic and liberal subjects to constitute the foundations of that general education which is regarded as essential to balanced development and intelligent citizenship, (2) to supply opportunities for the discovery of intellectual interests and occupational aptitudes, and (3) to provide preparation for later collegiate or professional training. These studies are, specifically, English composition and literature, a foreign language, natural science, and social science for two years, mathematics or Latin or Greek for one year, and one other prescribed or elective subject for one year. The options within these requirements appear below in the summaries of the several programs. The student thus takes certain courses basic to all programs of study and in addition chooses other courses in anticipation of advanced work in special fields or because of other personal considerations. If he knows what his later program of study is to be he can in nearly all cases choose a subject in that field as part of his work in the General College. If he does not know what his program is to be he may take the general program leading to the degree in Liberal Arts or in Commerce with the assurance that he can reach a decision during his undergraduate career and make necessary changes with a minimum loss of time.

The members of the General College are of four distinguishable but overlapping types: (1) Those who will proceed to the usual academic degrees at the end of four years, (2) Those who will enter professional schools after three or four years, (3) Those who are preparing for *teaching or scientific investigation or both, (4) Those who will take less than a complete academic program. Through the Advisers the General College attempts to assist each student in appraising his qualifications and objectives and, within the limits set by its standards and resources, undertakes to adapt its offerings to his interests and needs. Thus a deficiency in a foreign language may be overcome by taking the elementary course which meets six times a week. In the converse case of mastery in preparatory school or otherwise of work offered in college, the student is encouraged to meet the collegiate requirement by examination. Those who have responsibilities which limit the time available for studies are allowed to take less than the normal academic program. Those who attain distinction in the normal registration are permitted to take additional courses so as to enable them to enrich their programs or to graduate at an earlier date. By such means the College encourages each student to start with the work which he is prepared to do and to go forward with it in the way that is most appropriate in his individual case.

Upon satisfactory completion of the work of the General College, the student will normally enter one of the divisions of the University which administer the curricula of the junior and senior years. *The College of Arts and Sciences* offers curricula in (1) the usual liberal arts subjects, (2) teacher-training, (3) journalism, (4) music, (5) chemistry, geology, physics, and medicine (each with its special Bachelor of Science degree), and (6) pre-law, pre-medical, and pre-dental programs with and without the A.B. degree. *The School of Commerce* presents curricula preparatory for the various careers in (1) business, (2) foreign trade and the consular service, and (3) law. *The School of Public Administration* undertakes to provide training for the public services, federal, state, local, and institutional. This School will receive students after they have completed any of the programs of study offered by the General College except those directed toward the degrees in natural science.

With a view to the most effective preparation of those who will proceed to degrees through the curricula just enumerated, the General College offers programs of study as follows:

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* Anyone who plans to prepare for teaching should immediately consult with the Head of the Department of Education.

BACHELOR OF ARTS

Freshman Year

Required:
- English 1-2-3
- Social Science 1-2-3
- Hygiene 1-2-3

Choose one:
- Mathematics 1-2-3
- *Greek 11-12-13
- *Latin 11-12-13

Choose one:
- Biology 1-2-3
- Chemistry 1-2-3
- Physics 1-2-3
- Geology 11-12-13

Choose one:
- *French 11-12-13
- *German 11-12-13
- *Greek 11-12-13
- *Latin 11-12-13
- *Spanish 11-12-13

Sophomore Year

Required:
- English 21-22-23
- Foreign Language 21-22-23 (Continuing the one chosen in the first year).

Choose one:
- Economics 21-22-23
- Political Science 31-32-33
- History 21-22-23
- History 44-45-46
- Philosophy 21-22-23
- Philosophy 24-25-26
- Sociology 21-22-23

Choose one:
- Botany 41 and Zoölogy 41
- Botany 41 and 43
- Chemistry 1-2-3 or 4-5, or 31 and 41
- Geology 11-12-13
- Physics 21-22-23
- Mathematics 21-22-23
- Psychology 21-22-23
- Zoölogy 41 and 42

In addition choose one free elective—3 hours a week for the year.

BACHELOR OF SCIENCE IN COMMERCE

Freshman Year

Required:
- Biology 1-2-3c
- English 1-2-3
- Social Science 1-2-3
- Mathematics 1c-2c-3c
- Hygiene 1-2-3

Choose one:
- *French 11-12-13
- *German 11-12-13
- *Spanish 11-12-13

Sophomore Year

Required:
- English 21-22-23
- Economics 21-22-23
- **Economics 11 or 35

Continue one:
- French 21, 24, 25
- Spanish 21, 24-25
- German 21-22-23

Choose one:
- Botany 41, 43
- Chemistry 1-2-3
- Geology 11-12-13
- Physics 21-22-23
- Zoölogy 41-42

BACHELOR OF SCIENCE IN CHEMISTRY

Freshman Year

- Chemistry 1-2-3
- English 1-2-3
- †German 11-12-13
- Mathematics 1-2-3
- Social Science 1-2-3
- Hygiene 1-2-3

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* Lacking adequate preparation, the student must take courses 1-2-3 in any foreign language.

** Either Economics 11 or Economics 35 must be taken in the sophomore year; the other must be taken as part of the divisional work of the junior-senior years.

† Scientific German may be substituted for 13. Lacking adequate preparation the student must take German 1-2-3.

Sophomore Year

Chemistry 31-41-42
English 21-22-23
German 21-22-23
Mathematics 11-12-13

BACHELOR OF SCIENCE IN GEOLOGY

Freshman Year

Required:
- Chemistry 1-2-3
- English 1-2-3
- Mathematics 1-2-3
- Social Science 1-2-3
- Hygiene 1-2-3

Choose one:
- *French 11-12-13
- *German 11-12-13**
- *Spanish 11-12-13

Sophomore Year

Chemistry 31
English 21-22-23
Geology 11-12-13
Geology 43-44
Mathematics 41-42-43

BACHELOR OF SCIENCE IN PHYSICS

Freshman Year

Chemistry 1-2-3
English 1-2-3
*German 11-12-13**
Mathematics 1-2-3
Social Science 1-2-3
Hygiene 1-2-3

Sophomore Year

Required:
- English 21-22-23
- Mathematics 31-32-33
- German 21-22-23

Choose one:
- ***Physics 21-22-23 or Physics 24-25 and Chemistry 31

BACHELOR OF SCIENCE IN MEDICINE

Freshman Year

Required:
- English 1-2-3
- Chemistry 1-2-3
- Mathematics 1-2-3
- Social Science 1-2-3
- Hygiene 1-2-3

Choose one:
- *French 11-12-13
- *German 11-12-13

Sophomore Year

Required: English 21-22-23

Continue one:
- French 21-22-23
- German 21-22-23

Choose one group:
- Chemistry 31 and 42
- Botany 41 and Zoölogy 41-42

†Elective 5 or 6 hours.

NOTE: In order to complete the academic part of this curriculum, the student must complete the third year's work including the courses not chosen in the group of sciences just above.

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* Lacking adequate preparation, the student must take courses 1-2-3 in any foreign language.

** Scientific German may be substituted for 13.

*** If Physics 21-22-23 is chosen the student must take an elective course of three hours a week through the year.

† It is suggested that this elective be Philosophy 41 or in history or political science.

DEPARTMENTS OF INSTRUCTION

BOTANY

1. (Biology 1). ELEMENTS OF PLANT BIOLOGY. (4). Freshman elective.

An introduction to the structure and activities of the green plant, with some consideration of the plant's relation to its environment, both inorganic and organic, and a survey of types of plants. *Three lecture and two laboratory hours a week, fall or winter quarter. Laboratory fee, $2.00.* Professor Couch; Mr. Adams; Assistants.

2. (Biology 2). ELEMENTS OF ANIMAL BIOLOGY. (4). See Department of Zoölogy.

3. (Biology 3). HUMAN BIOLOGY. (4). Freshman elective.

A brief consideration of the structure and functions of the human body; microörganisms and disease; evolution—plant, animal, and human; genetics; plant and animal breeding. *Three lecture and two laboratory hours a week, spring quarter. Laboratory fee, $2.00.* Offered jointly by the Departments of Botany and Zoölogy. Professors Couch, Costello; Mr. Adams; Assistants.

41. GENERAL BOTANY. (6).

An introduction to the structure and classification of plants. Lectures with laboratory and field work. *Four lecture and four laboratory or field trip hours a week, fall or spring quarter. Laboratory fee, $4.00.* Professors Coker, Totten, Couch; Assistants.

(This course is given in the first term of the Summer Session as Botany s41.)

42. PHARMACEUTICAL BOTANY AND PHARMACOGNOSY. (6). Prerequisite, General Botany. Sophomore requirement in the School of Pharmacy; elective for candidates for Bachelor of Science; in case of candidates for Bachelor of Arts credit is restricted to students preparing to study medicine and those whose major is to be botany.

A study of drug plants; the structure of their parts and contents; the localization and identification of crystals, starches, mucilages, gums, oils, resins, glucosides, alkaloids, etc.; macroscopical and microscopical study and identification of crude drugs and their adulterants and some study and identification of their powders. *Three lecture and six laboratory hours a week, winter quarter. Laboratory fee, $4.00.* Professor Totten; Assistants.

43. STRUCTURE AND CLASSIFICATION OF SEED PLANTS. (6). Prerequisite, General Botany.

A continuation of general botany, with more advanced work in the structure and classification of seed plants. Special attention is given to the study of the local flora, and of the introduced ornamental plants found in the Arboretum, with some work in the propagation of cultivated plants. *Three lecture and six laboratory or field trip hours a week, spring quarter. Laboratory fee, $4.00.* Professor Totten.

(This course is given in the second term of the Summer Session as Botany s43.)

CHEMISTRY

1-2-3. GENERAL DESCRIPTIVE CHEMISTRY. (12)

An introduction to the study of the principal non-metallic and metallic elements and their compounds. Lectures with laboratory work. *Three lecture and two laboratory hours a week, fall, winter, and spring quarters. Laboratory fee, $3.00 a quarter.* Professor Mack; Messrs. Bartz, Tanner.

4-5. GENERAL DESCRIPTIVE CHEMISTRY. (12)

An introduction to the study of the principal non-metallic and metallic elements and their compounds. This course is equivalent to Chemistry 1-2-3. *Five lecture and three laboratory hours a week, fall and winter or winter and spring quarters. Laboratory fee, $4.50 a quarter.* Professors Mack, Cameron, Edmister; Messrs. Cosby, Culp, Everett, Galloway, Taylor.

31. QUALITATIVE ANALYSIS. (6). Prerequisite, Chemistry 1-2-3 or 4-5.

Laboratory work and lectures. *Three lecture and six laboratory hours a week, fall or spring quarter. Laboratory fee, $10.00.* Professors Dobbins, Markham; Messrs. Fore, Knight.

41. ELEMENTARY QUANTITATIVE ANALYSIS. (6). Prerequisite, Chemistry 31.

Gravimetric Analysis. Laboratory work, lectures, and stoichiometric exercises. *Three lecture and six laboratory hours a week, fall quarter. Laboratory fee, $10.00.* Professor Dobbins; Mr. Nicholson, Miss Thomas.

42. ELEMENTARY QUANTITATIVE ANALYSIS. (6). Prerequisite, Chemistry 31.

Volumetric Analysis. Laboratory work, lectures, and stoichiometric exercises. *Three lecture and six laboratory hours a week, winter or spring quarter. Laboratory fee, $10.00.* Professors Dobbin, Markham; Mr. Nicholson, Miss Thomas.

CLASSICAL LANGUAGES

Greek

1-2-3. ELEMENTARY AND INTERMEDIATE GREEK. (9).

A course running through three quarters, designed for beginners and for those whose preparation is not sufficient to qualify them for Intermediate Greek (11-12-13). *Six hours a week, through the year.* Professor Bernard.

Note: Attention is called to Greek 14-15-16, designed for upperclassmen who have fulfilled the requirement in another foreign language.

11-12-13. INTERMEDIATE GREEK. (9).

A course running through three quarters, designed for those who show evidence of adequate preparation. Freshman and sophomore elective. *Three hours a week, through the year.* Professor Bernard.

14-15-16. SPECIAL COURSE IN ELEMENTARY GREEK. (9).

A course for beginners open only to those who desire an introduction to a second foreign language and who give evidence of being especially well qualified for such study. Sophomore elective. *Three hours a week, through the year.* Professor Sanders.

21-22-23. ADVANCED GREEK. (9). Prerequisite, Greek 1-2-3 or 11-12-13 or the equivalent.

Survey of Greek Literature with selected readings from representative authors. Sophomore elective. *Three hours a week, through the year.* Professor Bernard.

Latin

1-2-3. ELEMENTARY AND INTERMEDIATE LATIN. (9).

The course is designed for beginners and for those whose preparation is not sufficient to qualify them for Intermediate Latin (11-12-13). *Six hours a week, through the year.* Mr. Davis.

NOTE: Attention is called to Latin 14-15-16, designed for upperclassmen who have fulfilled the requirements in another foreign language.

11-12-13. INTERMEDIATE LATIN. (9).

The course is designed for those who show evidence of adequate preparation. Students entering with two units of Latin may be admitted. Readings in Latin prose, particularly Cicero. Freshman and sophomore elective. *Three hours a week, through the year.* Professor Dewing.

14-15-16. SPECIAL COURSE IN ELEMENTARY LATIN. (9).

The course is designed for beginners, open only to those who desire an introduction to a second foreign language, and who give evidence of being especially well qualified for such study. *Three hours a week, through the year.* Professor Howe.

21-22-23. ADVANCED LATIN. (9). Prerequisite, four units of High School Latin, or Latin 1-2-3 or 11-12-13.

The course will present a survey of Latin Literature, with selected readings from representative writers of prose and poetry. Freshman and sophomore elective. *Three hours a week, through the year.* Professor Sanders.

24-25. ROMAN LAW. (6). Prerequisite, Latin 21.

The course is a sophomore option of A.B.-LL.B. students, and is open to other students who have satisfied the prerequisite.

The course deals with the general principles and the historical development of Roman Law. The work consists of the translation of selected passages in the legal literature, readings, and lectures. *Three hours a week, winter and spring quarters.* Professor Harrer.

ECONOMICS

11. RESOURCES AND INDUSTRIES. (5).

This course occupies a middle ground between geography and economics. Important data of human economic geography are appraised as to their meaning to the economist. The emphasis in resource analysis, therefore, is on the supply and demand conditions which have a measurable effect on price behavior. The close relationship between geographical facts and institutional developments is taken into consideration. The approach is functional rather than descriptive. Attention is focused on wide vistas and deep perspectives rather than on details of technology. In general, an effort is made to place the discussion on a broad basis of human values and world relationships. *Five hours a week, every quarter.* Material fee, $1.00. Professor Zimmerman; Mr. Donovan.

21-22-23 (31-32-33). GENERAL ECONOMICS. (9). Not open to Freshmen.

This course is planned to give a general understanding of the organization of our economic life and the fundamental principles underlying it. An analysis is made of production, distribution, and consumption, of the elements which

determine value and price, with a brief introduction to money, banking and credit, monopoly, business combinations, transportation, labor problems, and economic reform. Sophomore elective. *Three hours a week, through the year.* Professors Lear, Wolfe, Evans, Cowden; Messrs. Winslow, Anderson, Douty, Wilder, McFerrin.

31-32. GENERAL ECONOMICS. (10). Not open to Freshmen.

This course is planned to give a general understanding of the organization of our economic life and the fundamental principles underlying it. An analysis is made of production, distribution, and consumption, of the elements which determine value and price, with a brief introduction to money, banking and credit, monopoly, business combinations, transportation, labor problems, and economic reform. Sophomore elective. *Five hours a week, winter, spring, and spring, fall quarters.* Professors Lear, Wolfe, Evans, Cowden; Messrs. Winslow, Anderson, Douty, Wilder, McFerrin.

35. ECONOMIC HISTORY. (5). Not open to Freshmen.

A survey of the steps by which economic activities have evolved from primitive beginnings into the complicated capitalistic economy of today. Special emphasis on the development of the wage system, the Industrial Revolution, the expansion of markets, the ebb and flow of industrial development to political policy, as they have manifested themselves in England and in the United States. *Five hours a week, every quarter.* Professor Heath; Mr. Wilder.

EDUCATION

31. GENERAL INTRODUCTION TO THE STUDY OF EDUCATION. (5). Required of all prospective high school teachers.

This course attempts to aid prospective teachers in obtaining a general understanding of the philosophy and purposes of public education. It introduces the broad outlines of the history, traditions, organization, and purposes of public schools. An attempt is made to help each student to examine his own abilities, limitations, interests, and personality in the light of requirements for successful teaching of high school students. Textbooks, class exercises, outside observations and readings, and special reports will be required. *Five hours a week, every quarter.* Professors Trabue, McKee.

ENGLISH

1-2-3. FRESHMAN ENGLISH. (9). Required of all Freshmen.

English 1 (fall) has for its object practical control of the sentence as a rhetorical unit and an understanding of the relation of sentence structure to paragraph structure. English 2 (winter) centers attention upon the paragraph and begins consideration of the technical problems of the longer theme. English 3 (spring) is devoted to study of the structure and style of the essay, and undertakes an approach toward the problems of the literature course in the sophomore year. In all three quarters the student pursues directed readings, writes frequent themes, and has personal conferences with his instructor. (Students who fail to qualify for English 1 will be required to take a preliminary course without credit.) *Three hours a week, throughout the year.* Professors Hudson (Chairman), McClamroch, Adams, Harry Russell, Bailey; Messrs. Nelson, Horner, Wilson, Wells, Spivey, Williams, Cox, Mahler, Congleton, Henry, McNeir, Cardwell, Grubb, Hartsell, Langston, Sams, Shackford, Svendsen, Ward, Robertson.

21-22-23. ENGLISH LITERATURE. (9). Prerequisite, English 1-2-3.

An introduction to English literature through the study of representative works of selected chief writers. *Three hours a week, throughout the year.*

Professors Adams (Chairman), Coffman, Booker, McKie, Taylor, Thrall, Paine, Hudson, Chang, Howell, MacMillan, Ericson, Bond, McClamroch, Olsen, Sharpe, Harry Russell, Bailey; Messrs. Wells, Williams, Nelson.

41. THE ORAL INTERPRETATION OF DRAMATIC LITERATURE. (5).

Elizabethan, eighteenth-century, and modern plays are used to give variety in dramatic expression. *Five hours a week, fall quarter.* Professor McKie.

42. THE ORAL INTERPRETATION OF NON-DRAMATIC LITERATURE. (5).

A wide variety of poetry from Milton to Masefield is the main material in this course, though work is required in the reading of suitable prose. *Five hours a week, spring quarter.* Professor McKie.

44. PUBLIC SPEAKING: INTRODUCTORY COURSE. (5).

Emphasis on organization of material, outlines, delivery, problems of attention and persuasion. Assigned reading in contemporary public problems as a basis for speaking. *Five hours a week, every quarter.* Professor Olsen.

45. ARGUMENTATION AND PUBLIC DISCUSSION. (5).

Includes analysis of questions, evidence, types of argument, fallacies, problems of persuasion, and practice in parliamentary procedure. *Five hours a week, winter quarter.* Professor Olsen.

GEOLOGY

11-12-13. INTRODUCTION TO GEOLOGY AND GEOGRAPHY. (12).

These introductory courses, primarily for freshmen and sophomores, include brief studies of general geology, both physical and historical, and an introductory course in college geography. *Three lecture and two laboratory hours a week, throughout the year. Laboratory fee $2.00.* Professors Prouty, MacCarthy, Huddle, Emory; Assistants.

41-42 (11-12). INTRODUCTION TO GEOLOGY. (12).

Lectures with laboratory and field work; laboratory work in the first quarter on common rocks and minerals, and map interpretation; in the second quarter on geological folios and the more common fossils. The first quarter deals with physical geology, with physiographic processes and their results; the second quarter is a study of the outlines of historical geology. Geology 41 is offered in the fall and spring quarters, in the summer session and on the summer transcontinental tour. Geology 42 is offered in winter quarter and in the summer session. These courses given in two quarters primarily for juniors and seniors are the equivalent of Geology 11-12 as given in previous years. *Four lecture and four laboratory hours a week. Laboratory fee, $3.00 a quarter.* Professors Prouty, MacCarthy, Huddle; Assistants.

43, 44. MINERALOGY. (5 each). Prerequisite, Introductory Geology, Chemistry 1-2-3 or 4-5.

Crystallography, physical and chemical properties of minerals, blow-pipe analysis; lectures, laboratory work, and field work. *Two lecture and six laboratory hours a week, winter and spring quarters. Laboratory fee $5.00 a quarter.* Professor MacCarthy; Assistants.

GERMAN

1-2-3*. ELEMENTARY AND INTERMEDIATE GERMAN. (9).

A course running through three quarters, designed for beginners and for those whose preparation is not sufficient to qualify them for Intermediate German (11-12-13). *Six hours a week through the year.* Messrs Coenen, Backenstoss, Cook, Lloyd.

Note: Attention is called to German 14-15-16, designed for upperclassmen who have fulfilled the requirements in another foreign language.

11-12-13* INTERMEDIATE GERMAN. (9).

A course running through three quarters, designed for those who show evidence of adequate preparation. Freshman and sophomore elective. *Three hours a week, through the year.* Professor Metzenthin; Mr. Coenen.

14-15-16. SPECIAL COURSE IN ELEMENTARY GERMAN. (9).

A course for beginners open only to those who desire an introduction to a second foreign language and who give evidence of being especially well qualified for such study. Sophomore elective. *Three hours a week, through the year.* Professor Metzenthin.

21-22-23*. ADVANCED GERMAN. (9). Prerequisite German 1-2-3 or 11-12-13 or the equivalent.

Survey of German literature with selected readings from representative authors. Sophomore elective. *Three hours a week, through the year.* Professors Zucker, Brown; Mr. Friederich.

HISTORY

SOCIAL SCIENCE 1-2-3. (9).

A general course dealing with the fundamental factors in modern civilization in Europe and the United States. An historical study of the institutions of western civilization, designed to promote an understanding of the social, political, and economic aspects of the modern world. *Three hours a week, throughout the year.* Professors Johnson, (Political Science); Pegg, Robson and Russell, (History); Buchanan and Mr. Douty, (Economics).

Note: Special Science 1-2-3 is prerequisite to all other courses in this department.

12. AMERICAN BIOGRAPHY. (5).

A general survey of the lives of a selected group of distinguished Americans and a study of their influence upon the history of the United States. Lectures, readings, and reports. *Five hours a week, spring quarter.* Professor .....

21-22-23. AMERICAN HISTORY: GENERAL COURSE. (9)

A general survey of the history of the United States. Lectures, textbooks, readings. Sophomore elective. *Three hours a week, throughout the year.* Professors Beale, Lefler.

41-42. ANCIENT AND MEDIEVAL HISTORY: GENERAL COURSE. (10).

A course dealing with the history of civilization from its beginnings to 1500 A.D. The first half of the course is devoted to the Orient, Greece, and Rome to the time of Constantine; the second half, to Western Europe in particular, from the time of Rome's decline to the age of the Renaissance and Reformation. Special attention will be paid to social and economic conditions and to cultural and religious developments. Sophomore elective. *Five hours a week, winter and spring quarters.* Professors Caldwell, MacKinney.

* If needed courses in scientific German also will be offered in the third quarter.

44-45-46. ENGLISH HISTORY: GENERAL COURSE. (9).

The purpose of this course is to convey a good working knowledge of English history and to broaden it into a survey of the part the Anglo-Saxon race has played in world history. Textbooks, readings, and lectures. Sophomore elective. *Three hours a week, throughout the year.* Professor Wagstaff.

MATHEMATICS

1-2-3. INTRODUCTORY MATHEMATICS. (9). Required of Freshmen.

A systematic development of the notion of functions. First the algebraic functions, including the linear function, the quadratic function, and functions of higher degree, an account of associated equations and geometric loci, the rate of change of a function, functions changing at a given rate. Then transcendental functions, including the logarithmic and exponential functions with their rates of change and associated problems. Finally the trigonometric functions and their application to the solution of triangles. *Three hours a week, for the year.* Professors Lasley, Hobbs, Browne, Mackie, Winsor, Linker, Hill, Hoyle, Garner; Messrs. Cameron, Garrett.

1C-2C-3C. FIRST YEAR MATHEMATICS. (9). Required of Freshmen who expect to enter the School of Commerce.

An elementary study of algebra and trigonometry, including algebraic and trigonometric functions, solution of right triangles by natural functions, graphs, factoring, fractions, ratio, proportion, variation, and the binomial theorem, linear functions, quadratic functions, functions of higher degree, exponents, radicals, logarithms, and the solution of right triangles by logarithms, functions of multiple angles, and the solution of oblique triangles by means of the sine and cosine laws; progressions, interest and discount, annuities and their application to the extinction of interest bearing debts, depreciation, building and loan associations, evaluation and redemption of bonds, probability, mortality tables, life annuities, life insurance, and insurance reserves. *Three hours a week for the year.* Professors Henderson, Lasley, Browne, Mackie, Winsor, Linker, Hill, Hoyle, Garner; Messrs. Cameron, Garrett, Bell, Lee.

21-22-23 (11-12-13). SECOND YEAR MATHEMATICS. (9). Prerequisite, Mathematics 1-2-3 or the equivalent.

The fundamentals of the analytic geometry of the straight line and the conic sections, transformation of coördinates, problems in loci. The differentiation process and its applications to geometry, physics, and mechanics, curvature of plane curves. The definite integral and its application to problems arising in geometry and the physical sciences, including length of arc, areas, volumes, moment of inertia, etc. Sophomore elective. *Three hours a week for the year.* Professor Henderson.

31-32-33. DRAWING, SURVEYING, AND MAPPING. (3 each). Courses 32 and 33 may be taken without course 31.

Designed for students in science, especially in geology, and for prospective teachers of mathematics. *Two lecture and two laboratory hours a week, through the year.* Professor.....

41-42-43 (23-24-25). SECOND YEAR MATHEMATICS: INTENSIVE COURSE. (15). Prerequisite, Mathematics 1-2-3 or equivalent.

A course designed primarily for students in the Division of Natural Science who are majoring in mathematics and who therefore want a more intensive course in the principles and methods of analytic geometry and the calculus. The concepts of the straight line and the conic sections and certain special plane curves are considered with especial consideration of the problems

of loci. The fundamental concepts of both the differential and the integral calculus are developed with application of a somewhat extended nature to situations in geometry, physics, and mechanics. These courses, though consecutive, may be taken separately in the order named for credit. Sophomore elective. *Five hours a week for the year.* Professor Mackie.

MUSIC

4-5-6. NOTATION, SIGHT-SINGING, AND DICTATION. (9).

A course in the rudiments of musical symbols with practice in reading and writing scales, intervals, melodies, and elementary harmonic materials. No prerequisite work nor previous training is necessary for Music 4, but previous experience will obviously be of great value to the student. *One lecture and four laboratory hours a week, fall, winter, and spring quarters.* Mr. Miller.

14-15-16. HARMONY. (9). Prerequisite or corequisite, Music 4-5-6.

By special permission 4-5-6 may be taken concurrently. *Three hours a week, fall, winter, and spring quarters.* Professor Haydon.

24-25-26. HISTORY OF MUSIC. (9).

This course, a general course in the history of music, is divided into three parts any one of which may be taken separately: (1) the period from antiquity to the end of the sixteenth century; (2) the seventeenth and eighteenth centuries; (3) from the Romantic period to the present day. *Three hours a week, fall, winter, and spring quarters.* Professor Swalin.

44-45-46. ADVANCED HARMONY. (9). Prerequisites, Music 14-15-16.

Three hours a week, fall, winter, and spring quarters. Professor Schinhan.

PHILOSOPHY

21-22-23. INTRODUCTION TO THE METHODS OF THOUGHT. (9).

An introductory study of the forms of valid inference, with special reference to the general methods of scientific thought. Emphasis will be placed both upon the discussion of principles and upon the study of their application in actual instances of successful thought. Sophomore elective. *Three hours a week, throughout the year.* Mr. Kattsoff.

24-25-26. INTRODUCTORY METAPHYSICS, ETHICS, AND POLITICAL PHILOSOPHY. (9).

A course designed to acquaint the student with the major philosophical alternatives underlying the scientific thought, the personal conduct, and the political forms of today. Views of man's status in nature, naturalism, pragmatism, dualism, realism, and idealism (fall). Evaluation of attitudes, such as the Stoic and Epicurean, expressed in present personal conduct (winter). Appraisal of political ideals: democracy, communism, and fascism (spring). Sophomore elective. *Three hours a week, throughout the year. Fall quarter,* Professor Emery; *winter quarter,* Dean Bradshaw; *spring quarter,* Professor Emery.

41. INTRODUCTION TO PHILOSOPHY. (5).

This course is intended to serve as an introduction to later work in philosophy; but its main purpose is to give a general view of philosophy to those who may take no further courses in the subject. Lectures and discussions. *Five hours a week, fall quarter.* Professor Emery.

PHYSICAL EDUCATION

HYGIENE 1-2-3. PERSONAL HYGIENE. (3).

This course is designed to acquaint the student with the fundamental facts of personal hygiene so that he may keep his body at its highest efficiency. It is intended also to show the student how the individual and the community are protected against communicable diseases and to give to him knowledge by means of which he may help in promoting health and social betterment. *One hour a week, fall, winter, and spring quarters.* Professor Cornwell; Messrs. James, Shepard.

PHYSICS

1-2-3. DESCRIPTIVE PHYSICS. (12). Fulfills the freshman requirement in science; is not accepted as meeting the requirement for admission to the School of Medicine. A cultural course emphasizing the historical development of physics, and its influence on modern life and thought. Text: Millikan, Gale and Edwards, *A First Course in Physics for Colleges.*

Part I. Mechanics, followed by a brief survey of all important physical ideas, in preparation for Part II. *Fall quarter.*

Part II. Heat, Sound, Light. *Winter quarter.*

Part III. Electricity, Magnetism, Structure of Atoms and Molecules, leading facts of Astronomy. *Spring quarter.*

Two lecture, one discussion, and two laboratory hours a week. Laboratory fee, $2.75 a quarter. Lectures: Professor Ruark. Discussion period: Professor Ruark and Mr. Barr. Laboratory: Professor Fussler and assistants.

21-22-23. GENERAL PHYSICS. (12). Prerequisite, Freshman Mathematics. Text: Foley, *College Physics.*

Part I. Mechanics of solids, liquids and gases. *Fall quarter.*

Part II. Electricity and Magnetism, Heat. *Winter quarter.*

Part III. Completion of Heat, Sound, Light. *Spring quarter.*

NOTE: All three parts must be completed in order to secure any credit.

Two lecture, one discussion, and two laboratory hours a week. Laboratory fee, $2.75 a quarter. Lectures: Professor Fussler; Discussion period: Professor Fussler; Messrs. Barr, Jones, and Smith. Laboratory: Professor Fussler and assistants.

24-25. GENERAL PHYSICS. (12).

A six-hour course covering physics in two quarters. Identical with Physics 21-22-23 in subject matter, textbook, total credit, and prerequisite.

Part I. Mechanics of solids, liquids, and gases; Heat and Sound. *Winter quarter.*

Part II. Electricity and Magnetism, Light. *Spring quarter.*

Five lecture and three laboratory hours a week. Laboratory fee, $4.00 a quarter. Lectures: Professor Stuhlman; Laboratory: Professor Fussler and assistants.

41. ASTRONOMY. (5).

A general course in descriptive and historical astronomy; lectures and recitations, with use of lantern slides, starmaps, telescope, and other instruments. Text: Duncan, *Astronomy. Five hours a week with occasional observations, spring quarter.* Professor Fussler.

POLITICAL SCIENCE

31-32-33. INTRODUCTION TO POLITICAL LIFE—LOCAL, NATIONAL, AND INTERNATIONAL. (9).

A survey of the institutions and problems of political life in the local area, the state, the nation, and the international community. The emphasis is on the actual and vital relations between the citizen and government with a view to stimulating an intelligent and thoughtful interest in the politics of the present. Each member of the department lectures in the field of his specialization and there is directed reading and written work on the basis of a syllabus prepared coöperatively. The student will not be required to buy a text-book but will pay a book fee of one dollar ($1.00) a quarter. Sophomore elective. *Three hours a week, through the year.* Professors Robson (chairman), Pierson, Wagstaff, Woodhouse, Frazer, Jenkins, Fesler; Mr. Howerton.

PSYCHOLOGY

21-22-23. GENERAL PSYCHOLOGY. (12).

The aim of the course is to present the essential phenomena of psychology as an experimental natural science. Emphasis is placed on the organic relationships within the whole field and upon some crucial problems of daily life. Lectures, textbooks, laboratory. Sophomore elective. *Three lecture and demonstration hours and two laboratory hours a week, throughout the year. Laboratory fee, $2.00 a quarter.* Professor Bagby; Messrs. Bayroff, Wickens, Welch, Spelt, Hines.

NOTE: General Psychology is prerequisite for all other courses in the subject.

ROMANCE LANGUAGES

French

1-2-3. ELEMENTARY AND INTERMEDIATE FRENCH. (9).

A course running through three quarters, designed for beginners and for those whose preparation is not sufficient to qualify them for Intermediate French (11-12-13). *Six hours a week, through the year.* Professors Lyons, Wiley; Messrs. Smith, Wright, Linker, Carroll, McLeod, Creech, Thurman, Engstrom, Little.

NOTES: No student is permitted to take French 1 or 2 or 3 and Spanish 1 or 2 or 3 at the same time.

Attention is called to French 14-15-16, designed for upperclassmen who have fulfilled the requirements in another foreign language.

11-12-13. INTERMEDIATE FRENCH. (9).

A course running through three quarters, designed for those who show evidence of adequate preparation. Freshman and Sophomore elective. *Three hours a week, through the year.* Professors Huse, Staab, Wiley; Messrs. Smith, Wright, Linker, Carroll, McLeod, Creech, Thurman.

14-15-16. SPECIAL COURSE IN ELEMENTARY FRENCH. (9).

A course for beginners open only to those who desire an introduction to a second foreign language and who give evidence of being especially qualified for such study. Sophomore elective. *Three hours a week, through the year.* Professor Wiley.

21-22-23. ADVANCED FRENCH. (9). Prerequisite, French 1-2-3, 11-12-13, or the equivalent.

Survey of French Literature with selected readings from representative authors. Sophomore elective. *Three hours a week, through the year.* Professors Dey, Huse, Lyons, Wiley; Messrs. Smith, Linker, Carroll, McLeod.

24-25. COMMERCIAL FRENCH. (6). Open only to students who plan to enter the School of Commerce. Prerequisite, French 21.

The object of this course is to give the student practical training in modern French. Newspaper and magazine articles dealing with the life and customs of the country are read. Practice in social and commercial correspondence. This course is largely conducted in French. *Three hours a week, winter and spring quarters.* Professor Staab.

Spanish

1-2-3. ELEMENTARY AND INTERMEDIATE SPANISH. (9).

A course running through three quarters, designed for beginners and for those whose preparation is not sufficient to qualify them for Intermediate Spanish (11-12-13). *Six hours a week, through the year.* Professor Stoudemire; Messrs. Hayes, Weaver, McKnight, J. A. Barrett, L. L. Barrett.

NOTES: No student is permitted to take French 1 or 2 or 3 and Spanish 1 or 2 or 3 at the same time.

Attention is called to Spanish 14-15-16, designed for upperclassmen who have fulfilled the requirements in another foreign language.

11-12-13. INTERMEDIATE SPANISH. (9).

A course running through three quarters, designed for those who show evidence of adequate preparation. Freshman and Sophomore elective. *Three hours a week, through the year.* Professors Leavitt, Adams, Stoudemire; Messrs. Hayes, Weaver, McKnight.

14-15-16. SPECIAL COURSE IN ELEMENTARY SPANISH. (9).

A course for beginners open only to those who desire an introduction to a second foreign language and who give evidence of being especially qualified for such work. Sophomore elective. *Three hours a week, through the year.* Professor Stoudemire.

21-22-23. ADVANCED SPANISH. (9). Prerequisite, Spanish 1-2-3, 11-12-13, or the equivalent.

Survey of Spanish Literature with selected readings from representative authors. Sophomore elective. *Three hours a week, through the year.* Professors Adams, Boggs, Stoudemire.

24-25. COMMERCIAL SPANISH. (6). Open only to students who plan to enter the School of Commerce. Prerequisite, Spanish 21.

The object of this course is to give the student practical training in modern Spanish. Newspapers and magazine articles dealing with the life and customs of South America are read. Practice in commercial correspondence. This course is largely conducted in Spanish. *Three hours a week, winter and spring quarters.* Professor Leavitt.

SOCIOLOGY

21-22-23. COMPREHENSIVE INTRODUCTORY COURSE IN SOCIOLOGY. (9).

A comprehensive introduction to sociology and its newer developments. Study of sociological principles, processes, and theories integrated with social problems and social direction. How to study society; methods; techniques; research. Sophomore elective. *Three hours a week, through the year.* Professors Meyer, Vance, Brooks; Teaching Fellow.

ZOÖLOGY

1. (BIOLOGY 1). ELEMENTS OF PLANT BIOLOGY. (4).

See Department of Botany.

2. (BIOLOGY 2). ELEMENTS OF ANIMAL BIOLOGY. (4). Freshman elective.

An introduction to structure and function in the animal body, with some consideration of man's relation to his environment, both organic and inorganic, and a review of animal types. *Three lecture and two laboratory hours a week, fall or winter quarter. Laboratory fee, $2.00.* Professor Costello; Assistant.

3. (BIOLOGY 3). HUMAN BIOLOGY. (4). Freshman elective.

A brief consideration of the structure and functions of the human body; microörganisms and disease; evolution—plant, animal, and human; genetics; plant and animal breeding. *Three lecture and two laboratory hours a week, spring quarter. Laboratory fee, $2.00.* Offered jointly by the Departments of Botany and Zoölogy. Professors Couch, Costello; Mr. Adams; Assistants.

41. FUNDAMENTALS OF ANIMAL BIOLOGY. (6).

Principles of biology; elements of anatomy, physiology, and classification of vertebrate animals. Dissection of frog and dogfish and study of tissues, as necessary for an understanding of the organization and functions of vertebrate animals and especially of man. Sophomore, Junior, and Senior elective. *Four lecture and four laboratory hours a week, fall or winter quarter. Laboratory fee, $5.00.* Professor Coker; Assistants.

42a. DEVELOPMENT OF ANIMALS. (3). Prerequisite, Zoölogy 41. Optional accompanying course, Zoölogy 42b. Both 42a and 42c may not be taken for credit.

Basic facts and theories of individual development, heredity, and evolution. Sophomore, Junior, and Senior elective. *Three hours a week, spring quarter.* Professor Wilson.

42b. INVERTEBRATE ZOÖLOGY. (3). Prerequisite, Zoölogy 41. Optional accompanying course, Zoölogy 42a or 42c.

Study of invertebrate animals as examples of the varied forms of life and as concrete illustrations of the principles of biology. Field trips are made to observe and collect animals in nature. Sophomore, Junior, and Senior elective. *One lecture and four laboratory hours a week, spring quarter. Laboratory fee, $5.00.* Professors Coker, Costello; Assistants.

42c. PRINCIPLES OF ANIMAL BIOLOGY. (3). Prerequisite, Zoölogy 41. Required accompanying course, Zoölogy 42b. Both 42a and 42c may not be taken for credit.

Introduction to invertebrate zoölogy and to development, heredity, and evolution. Sophomore, Junior, and Senior elective. *Three hours a week, spring quarter.* Professors Coker, Costello.

ORGANIZATION BY DIVISIONS

The University at Chapel Hill is organized into nine divisions as follows:

The General College
The College of Arts and Sciences
The School of Commerce
The School of Public Administration
The Graduate School
The School of Law
The School of Medicine
The School of Pharmacy
The School of Library Science

The General College admits graduates of high schools and preparatory schools and normally administers their studies for two years. The Summer Session is practically a fourth quarter in the University year. Work is offered in the summer in practically all Departments and in the schools of Law, Pharmacy, Library Science, and Public Administration. The School of Pharmacy offers a four-year professional course beginning in the freshman year. All of the other divisions admit students at the beginning of the junior year or later.

THE GENERAL COLLEGE

For a description of the work of this college see pages 15-17.

Upon satisfactory completion of the work of the General College the student enters one of the divisions of the University which administer the studies of the junior and senior years. These divisions are described below.

THE COLLEGE OF ARTS AND SCIENCES

An important responsibility of the College of Arts and Sciences is to carry on the traditional training designed to promote discriminating sensibilities and disciplined intelligence, that is, to provide a general, well-rounded, liberal education. To this end, the College offers to juniors and seniors programs of studies in the usual liberal arts subjects such as language and literature, philosophy, social sciences, and natural sciences. Those who complete these studies are awarded the degree of Bachelor of Arts.

To those who are interested in (1) teacher-training, (2) journalism, or (3) music the College offers appropriate curricula leading to the degree of Bachelor of Arts. There is, also, provision for those who wish to qualify for the combined A.B.-LL.B. degrees by taking three years of prescribed academic work and three years in the School of Law.

More specialized programs are provided for those who wish to concentrate upon the natural sciences. Four-year curricula, the first parts of which are taken in the General College, lead to the degrees of Bachelor of Science in Chemistry, Bachelor of Science in Geolegy, and Bachelor of Science in Physics. A four-year curriculum qualifies one for the degree of Bachelor of Science in Medicine.

In addition to the programs of study already mentioned, there are pre-legal, pre-medical, and pre-dental curricula both with and without the A.B. degree. Before entering upon either of these programs the student should become acquainted with the requirements of the school he expects to attend.

For further details see the special catalogue of the College of Arts and Sciences.

THE SCHOOL OF COMMERCE

It is the purpose of the School of Commerce to provide its students with as thorough and scientific training in business as it is possible to give within the range of the subjects which it attempts to cover. The first two years of the curriculum, which are in the General College, are devoted primarily to a broad cultural outlook. The latter two years give the student an opportunity to develop an understanding of the principles and methods of the modern business world. Closely related subjects have been grouped together to correspond to certain major functions which must be performed in the successful administration of business enterprise, as for instance, banking and finances, accountancy, marketing, merchandising, advertising, etc. At the time of entrance into the School (the junior year) the student selects one of these groupings which will be pursued during the two years of his membership in the School. (See the special catalogue of the School of Commerce for details.)

THE SCHOOL OF PUBLIC ADMINISTRATION

The object of the curriculum leading to the degree of Bachelor of Science in Public Administration is to give the student a broad view of the field of public service, to afford the basis for further training for specific administrative positions, and also to lead toward preparation for teaching in the field of government and civics. Provided the student has chosen certain prescribed subjects, the completion of the work of the General College qualifies him for admission to this school. (See the special catalogue of the School of Public Administration for details.)

THE SCHOOL OF LAW

For admission to this School the general requirement is the full completion of the first three years of a regular curriculum leading to a degree in this institution or in another standard university or college. Three years of work in the School of Law are required to earn the

degree of Bachelor of Laws. While it is preferable for the student to have attained the degree of A.B. or S.B. or S.B. in Commerce before beginning the study of law, it is possible to follow a combined curriculum and secure two degrees in a period of six years—either A.B. and LL.B. or S.B. in Commerce and LL.B. (For details see the special catalogue of the School of Law.)

THE SCHOOL OF MEDICINE

At least three years of preparation in an approved institution, including the minimal requirements in pre-medical subjects must be offered to secure admission to the University's School of Medicine. It is much to be preferred that an applicant shall have secured the degree of A.B. or S.B. before entering this school. The University through the General College and the College of Arts and Sciences offers three years of practically prscribed academic work covering the minimal requirements and other valuable subjects in a curriculum leading to the degree of Bachelor of Science in Medicine. This degree is awarded when the student has completed the three years of prescribed academic work and the first year of work in medical subjects offered by our School of Medicine.

This school offers only two years of work. After completing the work here students complete the third and fourth years in the leading medical colleges of the country such as Harvard, Johns Hopkins, Pennsylvania, Jefferson, etc. At such schools our transferring students usually take high rank in their classes.

Interested students are referred for details to the special catalogue of the School of Medicine.

THE SCHOOL OF PHARMACY

This school admits both men and women directly from high school. The curriculum leading to the degree of Bachelor of Science in Pharmacy covers four years of work, combining professional and cultural courses in the first two years which are identical for all students in the school. During the latter two years a student may choose one out of three programs designed to equip the graduate to be (1) a prescriptionist or owner of a drugstore, (2) a specialist in the field of medicinal manufacture, or (3) a technical laboratory worker or specialist in the United States Health Service.

The special catalogue of the School of Pharmacy gives full details covering the admission of students and the work of the school.

THE SCHOOL OF LIBRARY SCIENCE

This is a professional school offering to qualified applicants a curriculum extending over one full session in the fundamentals of library science. In the case of a graduate from an accredited standard college or university this curriculum leads to the degree of Bachelor

of Arts in Library Science and prepares the holder of this degree to fill the position of librarian in a college, school, or municipality. One who qualifies as a full senior here in the College of Arts and Sciences and has completed certain other special requirements may enter the School and take his fourth year entirely in this field. The interested reader is referred to the special catalogue of the School of Library Science for a statement of special requirements, degrees offered, and limitations as to positions one may fill after completing such a curriculum.

THE GRADUATE SCHOOL

As the name indicates this school admits only those who already have attained a bachelor's degree. It is the great motivating power in research and investigation, in the application of the methods of research to the problems of society and industry, and in the training in further fields of learning of those who already have completed their undergraduate work.

EXPENSES

The University reserves the right to make, with the approval of the proper authorities, changes in any fees at any time.

Tuition and Other Fees for Each Quarter

Each student whose *bona fide* residence has not been established in North Carolina for at least the six months immediately prior to his first registration in the University must pay an extra fee of $33.34 for each fall, winter, or spring quarter he spends in residence. The residence of a minor is that of his parents or guardian. The residence of an adult remains with his parents or guardian unless he shall have independently set up his own.

Bona fide residence means that the student is not in North Carolina primarily to attend the University and that his status as a resident has not been set up merely as a technical bar to the extra charge. Mere ownership of property or payment of taxes apart from residence does not qualify one as a resident; nor may a student qualify by living in North Carolina the six months immediately prior to his first registration unless he continues so to live during the whole period of his stay at the University.

Students are presumed to know their correct residence status and to state the facts concerning it truthfully on their registration blanks. Students in doubt should appeal their cases in writing to the Dean of Administration, preferably in advance of registration. Students who misrepresent the facts of their residence status for the purpose of defrauding the University will be dealt with as are all other violators of the honor code.

Regular Fees:	Residents of N. C.
Tuition	$25.00
*Matriculation	14.50
Student Publications	2.30
Laundry Deposit	8.50
Student Union fee	1.00
Student Entertainment fee	1.00
Total for each quarter	$52.30

Delayed Registration: The penalty for delayed registration for any quarter is one month of strict attendance probation for each day of delay. Any student registering later than the time appointed for

* This fee includes the fee for physical education, the library fee, the fee for infirmary service, and the fee for debates.

his registration must pay five dollars ($5.00) as an additional fee for delayed registration. No appeal from either attendance probation or the late registration charge of five dollars will be granted, unless the delay is due to circumstances clearly beyond the student's control. Such an appeal must be made in writing to the Dean of Administration, must show clearly good and sufficient justification for the delay in registering, and must bear the approval of the Dean of division of the University in which the appellant is enrolled.

LAUNDRY DEPOSIT: Students will be required to send their washing to the University Laundry for which a deposit will be collected at the time of registration.

LABORATORY FEES: Each student taking a laboratory course must pay, in addition to his tuition fee, a small fee for power or materials used in the laboratory. The fees for the various laboratory courses are shown in connection with the descriptions of the courses.

TRANSCRIPTS OF RECORD. One transcript will be furnished without charge. Additional transcripts will be furnished only upon payment of $1.00 for each copy.

Dormitory Accommodations for Men

Accommodations for approximately fourteen hundred students are available in the University dormitories.

All rooms in the dormitories are completely furnished. Students will, however, provide their own pillows, bed linen (for single beds), blankets, and towels.

Room rent ranges from $5.25 to $10.00 a month for each occupant, the price depending upon the location of the room. This charge includes light, heat, and service. Rooms are leased for the scholastic year. See p. 53 for assignment of rooms.

PECUNIARY AID

SCHOLARSHIPS

The Moore Scholarships. (Established in 1881). Bartholomew Figures Moore, of Raleigh, bequeathed $5,000, the interest of which shall be devoted to paying the tuitions of students.

The Mary Ruffin Smith Scholarships. (Established in 1885). Miss Mary Ruffin Smith bequeathed to the University in memory of her brother, Dr. Francis Jones Smith, a valuable tract of land in Chatham County of 1,460 acres, known as Jones' Grove. The will provides that rents of the land, or the interest on the purchase money if sold, shall be used to pay the tuition of such poor students as the Faculty shall appoint.

The Mary Ann Smith Scholarships. (Established in 1891). Miss Mary Ann Smith bequeathed $37,000 for the foundation of scholarships, the number of scholarships to be determined by the amount of the income.

The Cameron Scholarships. (Established in 1892). The heirs of Paul Carrington Cameron founded in his memory ten scholarships of the value of $75 each.

The Speight Scholarships. (Established in 1892). The late Mrs. Mary Shepherd Speight bequeathed $10,000 to the University. The income shall be used to pay the tuition of needy students; but if tuition is ever made free, the income shall be used toward paying the salaries of professors.

The Wood Scholarship. (Established in 1892). Mrs. Mary Sprunt Wood, of Wilmington, has founded, in memory of her late husband, Dr. Thomas Fanning Wood, a scholarship of the value of $75.

The Dialectic and Philanthropic Literary Societies' Scholarships. (Established in 1893). The Dialectic and Philanthropic Literary Societies of the University founded two scholarships of the value of $75 each, recipients of which shall give assistance in the Library.

The Weil Scholarship. (Established in 1898). A fund established by Mr. Henry Weil, of Goldsboro, furnishes one scholarship of the value of $75.

The Armfield Scholarships. (Established in 1901 and 1904). These scholarships were founded by the generosity of the late Mr. Eugene Mr. Armfield, of High Point, N. C., a member of the class of 1888.

The Kenneth Murchison Scholarships. (Established in 1904). These scholarships have been founded by Mrs. Shirley Carter, of Baltimore, Md., and the late Mrs. James Sprunt, of Wilmington, N. C., in memory of their father. They are awarded by the founders.

The Donald Fairfax Ray Scholarship. (Established in 1919). Mrs. N. W. Ray, of Fayetteville, N. C., has established this scholarship in memory of her son, Donald Fairfax Ray, a graduate of the University, who died while in the service of his country.

The Holt Scholarships. Four scholarships are maintained by the income from the Holt Loan Fund, established in 1920 by Mr. Lawrence S. Holt, Jr. They are awarded by the Committee on the Holt Fund, to a member of each of the four classes in the Academic Department. Applications are considered after the opening of the University in the fall.

The Alumni Scholarships. These scholarships have been established by the gifts of Alumni, and they vary in stipends according to the funds in hand.

The R. H. Lewis Scholarships Four scholarships, endowed by the University Gymnasium Association, and called The R. H. Lewis Scholarships, are assigned by the President, and are good for tuition in the Academic Department.

The Mrs. Augustus H. Jones Scholarship was created by a gift of two thousand dollars from Mrs. James H. Parker, of New York City, the income to be used for one scholarship. The recipient of this scholarship is to be designated by Mrs. James H. Parker during her life and thereafter upon the recommendation of the New York Chapter of the United Daughters of the Confederacy. Failing this recommendation from either source, appointment is to be made by the President of the University, preference being given first to relations of the late Dr. James H. Parker, of New York, and second to relations of the donor.

The George Newby Toms Scholarships. Established 1926 by Mr. C. W. Toms, in memory of his son, George Newby Toms. The income from a fund of $5,000 is granted by the University as scholarships to worthy students, preference being given to students from Durham and Perquimans counties in North Carolina.

The General Robert Ransom Scholarship. This scholarship to the value of $200 is awarded each year to a lineal descendant of a Confederate Veteran. It is awarded and controlled by the United Daughters of the Confederacy in North Carolina.

The Jefferson Davis Essay Scholarship. Awarded each year by the United Daughters of the Confederacy in North Carolina to the high school graduate who writes the best essay on Jefferson Davis. Value $200.

WILLIAM BLOUNT RODMAN SCHOLARSHIPS. Two scholarships assigned to students at the University from the memorial trust fund created by Colonel W. B. Rodman in memory of his father, William Blount Rodman. They are assigned by the State Superintendent of Public Instruction, Trustee of the fund.

THE DANIEL G. FOWLE SCHOLARSHIP. One scholarship, founded in 1928 by Mrs. Walter F. Stearns (Mary H. Fowle) in memory of her father, Governor Daniel G. Fowle. Mrs. Stearns reserves the right to award the scholarship to a member of her own family; otherwise it will be awarded by the Superintendent of the Raleigh Schools and the Principal of the Raleigh High School to one Raleigh student on the basis of merit, character, and scholarship. Value annually $100.

THE GRAIL SCHOLARSHIP. One scholarship is maintained by the interest from the Grail Loan Fund, and is awarded each fall to that member of the entering class who as a senior in a North Carolina high school made the highest score on the state-wide examination conducted by the North Carolina College Conference.

THE MARY K. BROWN MEMORIAL SCHOLARSHIP. (Established in 1931). A fund was established by Mrs. James M. Brown in memory of her daughter, who served with unusual devotion as Secretary of the School of Commerce of the University. The Scholarship is awarded to a worthy student who is dependent upon his own efforts to secure an education.

This list does not include certain annual contributions for scholarships, which are not on an endowment basis.

All applications for scholarships must be filed in the office of the Dean of Administration on or before April fifteenth, and must be in the regular form prescribed by the University. Blank forms are supplied on application to Dean R. B. House.

FREE TUITION

Free tuition is given to indigent residents of North Carolina who are also under bodily infirmity.

LOAN FUNDS

THE DEEMS FUND. (Established in 1879). A fund of $600 was established by Rev. Charles Force Deems, D.D., late pastor of the Church of the Strangers, New York City, formerly a professor in the University, in memory of his son, Lieut. Theodore Disosway Deems. In 1881 the gift was greatly enlarged through the munificence of Mr. William H. Vanderbilt by a gift of $10,000 "as an addition to the Deems fund, to be loaned to indigent students of the University."

THE MARTIN FUND. This fund has been established by the bequest of Mr. Thomas D. Martin, of Raleigh. Only the interest of the fund can be used for loans. It became available during the session of 1908-1909.

The Hogue Fund. A fund of $4,000 has been established by the Rev. R. W. Hogue, of Baltimore, the income from which is to be loaned to worthy students in the University.

The Hewitt Fund. A fund of $18,700 was established in 1916 by the bequest of Mr. Joseph Henry Hewitt, of Princess Anne County, Virginia. Only the income from this fund can be used for loans to "needy and deserving students" of the University. This fund became available during the session of 1919-1920.

The Holt Fund. A fund of $10,000 has been established by Mr. Lawrence S. Holt, Jr., of Burlington. The principal of this fund is to be loaned to "worthy and needy students of the University." The income from this fund is to be used in establishing four scholarships in the University. It became available during the session of 1920-1921.

The Victor S. Bryant Fund. A fund of $7,500 has been established by the bequest of Mr. Victor S. Bryant, of Durham. The principal and the interest of this fund can be used for loans to "worthy and needy young men" at the University. This fund became available during the session of 1920-1921.

The Masonic Loan Fund. A fund of $1,250 has been established by the Grand Lodge of Masons, the Grand Chapter of Royal Arch Masons, and the Grand Commandery of Knights Templar of North Carolina, for the purpose of "assisting worthy boys and girls to secure an education." The principal of this fund is loaned, and the interest is added thereto. The fund became available in the fall of 1922, and has since been increased.

The Seely Fund. A fund of $1,000 has been established by Mr. F. L. Seely, of Asheville, the principal of which is to be loaned to worthy and needy students, and the income therefrom to be added to the principal. This fund became available during the fall of 1922.

The E. S. Blackwood Memorial Loan Fund, created by request of Miss Katherine B. Blackwood, of New York City. This fund consists of $10,000 "to be used as a loan fund for needy students." This fund is administered in the same manner as the Deems fund.

The A. B. Andrews Loan Fund. In May, 1925, the five children of the late Colonel A. B. Andrews (William J. Andrews, class of 1891; Alexander B. Andrews, class of 1893; Mrs. W. M. Marks; John H. Andrews, class of 1897, and Graham H. Andrews, class of 1903) established a fund of $2,500 of which the principal and interest are to be loaned to worthy students. This fund has been increased to $4,500 through the subsequent gifts from Mr. Alexander B. Andrews, of Raleigh, N. C. The A. B. Andrews Loan Fund is administered as are other loan funds from the University and is established as a memorial to Colonel A. B. Andrews, a noted railroad builder in

North Carolina and a Trustee of the University. It is requested by the donors that assistance from this fund be rendered first to students from those counties of North Carolina in which Colonel Andrews built railroads and second to those counties through which lines of the S. A. L., Norfolk-Southern, and Southern railway systems run.

THE J. E. LEAR FUND. This fund of $5,244 became available in 1924 as a fund upon which students in the School of Engineering, especially students in electrical engineering, would have first claim. The fund was the result of installation work done by the senior class in electrical engineering under the supervision of Professor J. E. Lear.

THE POGUE LOAN FUND. The fund of $1,000 was presented to the University in April, 1930, by Mrs. Joseph E. Pogue as a memorial to her husband, the late Mr. Joseph E. Pogue, the fund to be known as the Joseph E. Pogue Loan Fund. The principal and interest are to be loaned to deserving students.

THE EDMONDS LOAN FUND. The fund of a little over $800 has been set up by the Class of 1910 as a memorial to W. R. Edmonds, a member of that class.

GRAIL LOAN FUND. In June, 1930, the Order of the Grail, an undergraduate organization at the University of North Carolina, gave $1,400.00 to be known as the Grail Loan Fund. The principal of this fund is to be loaned to worthy students and the income is to be used as the Grail Scholarship. This scholarship, at present a cash award of $60, is to be made each fall to that member of the entering class who as a senior in a North Carolina high school made the highest score on the annual State-wide examination conducted by the North Carolian College Conference.

THE ALUMNI LOYALTY LOAN FUND. Established on June 30, 1930, by the advance of $12,200.00 out of the Alumni Loyalty Fund.

THE ALDEN JOSEPH BLETHEN III MEMORIAL LENDING FUND. During the fall of 1930, Col. C. B. Blethen, of Seattle, Wash., gave $2,000 to be known as the Alden Joseph Blethen III Memorial Lending Fund. This he did as a memorial to his son, A. J. Blethen III, a member of the Class of 1934. The principal of the fund is to be loaned to deserving students.

THE ROCKINGHAM COUNTY ALUMNI LOAN FUND. A fund of $713.32 advanced by the Rockingham County Alumni Association, available since January 11, 1932. It may be recalled by the lender as it may desire.

ESCHEATS FUND. According to State law, clerks of court are directed to forward to the University money included in estates for which no heir can be discovered. For these funds the University is

merely custodian for a period of years during which any heir discovered may legally claim the funds. During this period the money is placed in the Student Loan Funds as a temporary investment.

THE CHARLES L. COON MEMORIAL LOAN FUND. A fund of $615.00 established by the administrators of the Charles L. Coon Memorial Loan Fund of Wilson, North Carolina, in September, 1934. The funds to be loaned to graduates of the Charles L. Coon High School of Wilson, North Carolina, upon the written approval of the Superintendent and the Chairman of the Board of Trustees of said high school.

THE CHARLOTTE KIWANIS CLUB LOAN FUND. A fund of $325.00 established by the Kiwanis Club of Charlotte, North Carolina, in 1935. Loans to be made to students from Mecklenburg County, North Carolina, who have successfully completed at least two years of college work at the University, and who have the written approval of the loan committee of the Charlotte Kiwanis Club.

The Emergency Student Loan Funds

In the winter and spring of 1932, the University confronted a genuine emergency growing out of an announced reduction of state appropriations by 30%, and the fact that between five hundred and seven hundred students were without funds with which to continue their course. When this situation was presented by President Graham, students ($2,057.14), faculty ($2,035.38), the people and community organizations of Chapel Hill ($970.22), various chapters of the D. A. R., U. D. C., and other committees of women, began building a student loan fund. Alumni and friends of the University everywhere contributed to raise the total of new loan resources to $109,000.00, known collectively as "The Emergency Student Loan Fund." The portions of that fund which for some appropriate reason were separately established are listed below. Unless otherwise indicated, the funds are loaned on the same terms as is the Deems Fund.

THE W. C. COKER LOAN FUND. A fund of $500.00 established February 2, 1932, by Dr. W. C. Coker, head of the Botany Department of the University.

THE JESSIE KENAN WISE LOAN FUNDS. A loan fund of $25,000.00 established February 4, 1932, by Mrs. Jessie Kenan Wise, of Wilmington, N. C., and another loan fund of $47,000.00 in securities, the income from which may be loaned to students immediately, and the principal may be similarly used when available through the sale of the securities as opportunity for sale on favorable terms may arise.

THE BURTON CRAIGE LOAN FUND. A fund of $1,000.00 established February 6, 1932, by Mr. Burton Craige, 1897, of Winston-Salem, N. C.

THE JAMES A. GRAY LOAN FUND. A fund of $500.00 established February 15, 1932, by Mr. James A. Gray, '08, of Winston-Salem, N. C.

THE BLAIR LOAN FUND. A fund of $500.00 established March 2, 1932, by Col. David H. Blair, '98, and Mrs. David H. Blair, of Washington, D. C.

THE SARAH WATTS MORRISON LOAN FUND. A fund of $1,000.00 established March 4, 1932, by Mrs. Sarah Watts Morrison of Durham and Charlotte, N. C.

THE STUDENT LOAN FUND OF THE NORTH CAROLINA CONGRESS OF PARENTS AND TEACHERS, INC. A fund of $750.00 loaned to the student loan funds by Mrs. J. W. Burke, Treasurer, by authority of the organization named above.

THE SARAH GRAHAM KENAN LOAN FUND. A fund of $1,000 established March 7, 1932, by Mrs. Sarah G. Kenan, of Wilmington, N. C., to be used first by a designated student. When repaid, Mrs. Kenan will indicate its further usage.

THE MILO M. PENDLETON LOAN FUND. A fund of $1,000.00 established March 15, 1932, by Mrs. Katherine Pendleton Arrington as a memorial to her brother, Milo M. Pendleton, of the Pharmacy Class of 1902.

THE RICHMOND, VIRGINIA, ALUMNI ASSOCIATION LOAN FUND. A fund of $320.00 given by the organization named above with the request it be set so as to receive annual additions from the donors. It has been available since March 29, 1932.

THE LOAN FUND OF THE WOMAN'S AUXILIARY, N. C. PHARMACEUTICAL ASSOCIATION. A fund of $150.00 given by the above named organization, through its president, Mrs. F. W. Hancock, of Oxford, N. C. This fund has been available for Pharmacy students at the University since April 8, 1932.

THE EDRINGTON SPENCER PENN AND CHARLES ASHBY PENN, JR., LOAN FUND. A fund of $1,000 established April 14, 1932, by Mrs. Charles Ashby Penn of Reidsville, North Carolina.

THE C. W. TOMS LOAN FUND. A fund of $1,000.00 established May 19, 1932, by Mr. C. W. Toms, '89, of New York City, in memory of his son, the late George Newby Toms, '28.

THE MARGARET MCCAULL CARMICHAEL LOAN FUND. A fund of $1,000.00 established by Mr. W. D. Carmichael, '97, on May 25, 1932. Mr. Carmichael is a resident of Durham, N. C., and New York City.

THE JEFFERSON C. BYNUM MEMORIAL LOAN FUND. A trust fund established by Mrs. Jefferson C. Bynum in memory of her husband. The fund of $2,000.00 to be held in trust for the future education of her two sons, Jefferson C. Bynum, Jr., and Rufus S. Bynum. Pending the matriculation of the beneficiaries at the University, the fund may be loaned to University students.

THE ANNIE LOUISE WATTS HILL LOAN FUND. A fund of $1,000.00 established by Mr. John Sprunt Hill, of Durham, N. C., on June 4, 1932, as a memorial to his wife.

THE GEORGE BASLEY HISS LOAN FUND. A fund of $10,000.00 established by Mrs. Bertha T. Hiss, of Charlotte, N. C., in memory of her husband, George Basley Hiss. This fund has been available since June 30, 1932.

Applications for Loans

Applications for loans will be considered when made in person by students registered in the University. The funds are limited in amount and are loaned only on the security of two approved signatures and at the legal rate of interest. Application should be made to the Student Loan Fund office as far in advance as possible.

Self Help

Many students are now working their way through college by every form of honorable labor. A number are here as a result of money earned or borrowed. Students are selected by the authorities as clerks in the University Library and as helpers in the University Laundry and Buildings Department. Otherwise all opportunities available in the University and town must be secured by the personal efforts of the individual, with the assistance of the Self-Help Bureau of which Mr. Edwin S. Lanier is secretary. They are not assigned by the President of the University nor by the Dean of Administration nor by the Dean of Admissions nor by the Dean of Students. Application should be made direct to the Self-Help Bureau of the Y. M. C. A. before May 15, after which time the assignments to the Library, the Laundry, and the Buildings Department are made.

MEDALS AND PRIZES

THE EBEN ALEXANDER PRIZE IN GREEK. (Established in 1887.) A prize of $10 is offered annually to that member of the Sophomore Class who shall present the best rendering into English of selected passages of Greek not previously read.

THE ARCHIBALD HENDERSON PRIZE IN MATHEMATICS, formerly the WILLIAM CAIN PRIZE. (Established in 1908.) A gold medal is offered annually to that student who shall take the highest rank in Mathematics 22-23 or 42-43. No student will be recommended for the prize unless he attains to grade B.

STUDENT GOVERNMENT

The student body of the University is self-governing. The functions of this government are both disciplinary and constructive. These functions are exercised by the Student Council.

THE STUDENT COUNCIL, 1935-1936

*Rufus Adolphus (Jack) Pool, Chairman, *ex officio*
Thomas Moore Evins, Vice-president
John Johnston Parker, Jr., Secretary

Clyde Edward Mullis
James Brown Craighill
Ernest Marvin Allen
John David Smith
Francis Irving Anderson
Melvin Bowman Smith
*Francis Hilliard Fairley

The Student Council is composed of nine members, as follows: Representatives of the three upper academic classes, one representative from each of the professional schools of Lak, Medicine, and Pharmacy, one representative elected by the other seven members of the Council, and the President of the Student Body. The member elected by the Council must be chosen from among those who have served on the Council before. The President of the Student Body is *ex officio* Chairman of the Council.

Student government, in so far as it is disciplinary, is based upon the honor principle. No code of rules is laid down to direct a student what to do and what not to do. The only standards are those of morality and gentlemanly conduct. The Student Council is the executive expression of the honor principle. It is the concrete expression of the moral University. Its members being elected of the students by the students, it is grounded upon, and gives expression to, student sentiment. The Council is not an organization of policemen, nor is it based upon a system of espionage. When any student is felt by his fellow students to be unworthy to remain in the University, the Council takes cognizance of this feeling. It examines the matter, finds the facts in the case, and decides upon the course to be pursued. If the student is found guilty of conduct unworthy of a University man, he is promptly required to withdraw from the University. Among the offenses demanding withdrawal may be mentioned drunkenness, cheating, and gambling.

THE COLLEGE YEAR

The college year is divided into fall, winter, and spring quarters of approximately twelve weeks each, and a summer session divided into two terms of about six weeks each. There is a Thanksgiving recess of three days, a Christmas recess of approximately two weeks, and a spring recess of about six days.

* Upon the retirement in February, 1936, of Mr. Pool from the Council, Mr. Francis Fairley was made Chairman.

RELIGIOUS INFLUENCES

Through the coöperation of all concerned, religious influences of unusually effective character surround the University student. Chapel exercises are held in Memorial Hall at ten-thirty o'clock. The Young Men's Christian Association, to which the University makes annual contributions, is of great value in the life of the campus.

The larger denominations of the State have erected at Chapel Hill modern and adequate church plants. The Chapel Hill churches are manned by an effective and coöperative group of pastors, are all located in close proximity to the campus, and play a very large and genuine part in the life of the University.

DISCIPLINE

The University endeavors to make young men manly and self-reliant, and to develop character by educating the conscience. The Faculty may, at their discretion, admonish, suspend, or dismiss students for neglect of duty, or for misconduct. See also under the heading of Student Government.

PHYSICAL EDUCATION

Hearty encouragement is given to athletic sports and to all kinds of physical culture.

In addition to inter-collegiate athletics the University fosters an unusually extensive program of intra-mural sports, involving over half the undergraduates in a wide variety of games. There are contests in basketball, tag-football, indoor and outdoor baseball, tennis, soccer, quoits, rifleshooting, boxing, wrestling, fencing, and track. Intra-mural teams offer every interested student opportunity for participation in some interesting and healthful form of competition with his fellows, for learning team work and good sportsmanship.

Physical education is required of all freshmen in the afternoons twice each week for the year. A course in hygiene is required of all freshmen once each week for the year.

A thorough physical examination is given to students at the time of entrance. All students are classified on the basis of the examination and effort is made to adapt the program to the individual's particular needs. Particular attention is given to various remediable defects and individual programs are built with the idea of improving or correcting the existing condition.

It is hoped that all students can develop sufficient skill in various recreational activities in order that continued participation in the activity will result.

A well rounded seasonal program of intramural athletics is carried on throughout the year with the idea of supplying recreational opportunity to all members of the student body. Complete schedules are

played in a variety of individual and team activities, including tennis, golf, fencing, table tennis, bowling, boxing, wrestling, track and field, quoits, tag-football, indoor and outdoor baseball, basketball, and soccer.

The program of intercollegiate athletics includes a great variety of seasonal competitive games with the idea of promoting maximum participation by members of the student body.

More advanced courses in Physical Education are offered to upper classmen who plan to become athletic directors or coaches.

The physical education of women students is under the charge of Mrs. Gladys Angel Beard as Director and a group of administrative officers as a board. Each freshman woman student is carefully examined and tested for the purpose of discovering defects and correcting them. Arrangement for this examination is made when the student registers for the required course. Vigorous exercise and recreation are provided by tennis, archery, dancing, track work, basketball, and hockey; and inter-class competition is encouraged.

MEDICAL ATTENTION

In order to provide proper attention for the student during sickness the University employs two full time physicians and maintains a well appointed infirmary. The infirmary is equipped with all necessary conveniences and comforts, and with a modern X-ray unit and laboratory for diagnostic purposes under the direction of a full time technician. It is under the immediate supervision of the University Physician, and is provided with three experienced nurses. At the discretion of the University Physician a student may be admitted to its wards, and for such services as may be rendered by the staff no charges are made. But should any additional service (consultation, special nurses, operations requiring the attendance of a trained surgeon), recommended by the attending physician and approved by the parent or guardian, be necessary, the student will be required to pay for such services.

THE UNIVERSITY LIBRARY

ROBERT BINGHAM DOWNS, A.B., M.S., *Librarian*

The University Library contained on November 1, 1935, 285,568 volumes. It is housed in a new library building completed in July, 1929. Its seating capacity is one thousand readers, its present book capacity is approximately 300,000 volumes. In addition to the resources of the general reference rooms, the Library has a collection of 51,213 bound periodicals. Three thousand four hundred and sixty-one current periodicals, newspapers, and transactions of various societies, continuing and supplementing the bound sets, are subscribed for or secured through exchange annually.

Brief instruction in the use of the card catalogue, the periodical indexes, and the reference books generally, is given to new students at the beginning of each year.

Subscribers to the Library are the students and the members of the faculty. Other persons who desire to use the Library may become subscribers upon payment of the regular library fee of $4.00 a year, $1.00 for three months, or 50 cents a month. Persons who are not subscribers may not borrow books on a subscriber's name.

A student who owes the Library for fines or lost books will not receive academic credit until the indebtedness has been settled.

UNIVERSITY ORGANIZATIONS

THE SENATE OF THE DIALECTIC LITERARY SOCIETY AND THE GENERAL ASSEMBLY OF THE PHILANTHROPIC LITERARY SOCIETY

The Dialectic and the Philanthropic Literary Societies were organized in 1795, the year of the opening of the University. Their existence has been inseparably linked with that of the University and they have shown remarkable power in developing character, as well as in training the intellect. They offer facilities for practice in debate, oratory, and essay writing; and their members become familiar with parliamentary law and procedure.

In 1919 the Philanthropic Society was reorganized on the plan of the General Assembly of the State and changed its name accordingly. Similarly in 1924 the Dialectic Society after reorganization became the Dialectic Senate.

MUSICAL ORGANIZATIONS

The Department of Music extends its facilities with respect to both faculty and equipment to the support of the musical organizations. In addition a collection of records, scores, books on music, together with phonographs for audition purposes are accessible to all students of the University during certain hours daily; and provision is made for the reception of the weekly broadcasts of symphonies, operas, and other important programs.

The Hill Music Auditorium, seating eight hundred people, with its four manual concert organ, is the home of recitals and concerts by faculty members, students in the department of music, and visiting artists. The Vesper Organ Recitals are given on Sunday afternoons throughout the academic year by Professor Jan Philip Schinhan.

The University Glee Clubs

H. Grady Miller, *Conductor*

These organizations are open to all students of the University. The work in the Men's Glee Club and in the Women's Glee Club is carried on as a part of the curriculum in Music. Each group devotes its time to the study and performance of appropriate vocal literature and the schedule is so arranged that the two groups may join forces for the interpretation of compositions for a mixed chorus. Provision is made for frequent concert appearances of these organizations.

The Chapel Hill Choral Club

Executive Committee

Dr. A. McC. White, *Chairman* Mr. G. H. Lawrence
Mrs. G. A. Harrer Dr. Glen Haydon Dr. C. E. Preston
Mrs. A. S. Wheeler Mr. Jesse Parker
Mr. H. Grady Miller, *Conductor* Mrs. A. S. Wheeler, *Pianist*
Professor Jan Philip Schinhan, *Organist*

The Chapel Hill Choral Club, an informal organization of students, faculty, and townspeople, gives two or three performances each year. In recent years such works as Bach's Christmas Oratorio and Schubert's Mass in E Flat have been given. Rehearsals are held each Monday evening.

The University Symphony Orchestra

Earl A. Slocum, *Conductor*

The personnel of this organization includes students, faculty, and townspeople. The rehearsals are devoted to the study of standard symphonic literature and several concerts with instrumental and vocal soloists as assisting artists are given during the year. For details concerning credit in orchestra for regularly enrolled students, see the announcement of the Music Department.

The University Band

Earl A. Slocum, *Conductor*

The band is organized as a regular course in the Music Department, devoted to the study and performance of the standard musical literature for this type of ensemble group. In addition, especially during the fall quarter, the band coöperates with the Athletic Association in providing music for the football games, and usually makes one or more trips with the team. During the winter and spring quarters, as conditions permit, concert tours throughout the state are arranged.

Alpha Rho Chapter of Phi Mu Alpha (Sinfonia)

This chapter of the national honorary musical fraternity is composed of students of music, and such other students and faculty members as reveal particular interest in the participation in musical performance. The members of the chapter act as hosts for all musical events occurring in Hill Music Hall throughout the year. In order to create a fund from which scholarships for worthy students of music may accrue, the Alpha Rho chapter of Sinfonia sponsors each year a concert by a world-famous musical artist.

THE CAROLINA PLAYMAKERS

Frederick Henry Koch, A.M., Litt.D., *Director*
Samuel Selden, A.B., *Associate and Technical Director*
Harry Ellerbe Davis, A.B., *Assistant Director and Business Manager*

The Carolina Playmakers is the University dramatic organization.

Its purpose, as set down in the Charter, is: "First, to promote and encourage dramatic art, especially by the production and publishing of plays; Second, to serve as an experimental theatre for the development of plays representative of the traditions and present-

day life of the people; Third, to extend its influences in the establishment of a native theatre in other communities." It is incorporated under the laws of the State of North Carolina as a non-stock corporation.

The Carolina Folk-Plays and other plays of American locale are written and produced in the University courses in Dramatic Composition and Production, members of the community of Chapel Hill —students, faculty, and townspeople—assisting. Those who contribute to the writing or producing of the plays constitute the membership of the organization. Any student may participate in any of the various departments of the work.

The Playmakers now have their own theatre building on the campus, fully equipped for all manner of experimentation and production. Besides this, their Forest Theatre furnishes an ideal setting for out-of-door productions. They have an adequate workshop for the construction and painting of scenery and for the making of costumes.

The large stage in the University auditorium, Memorial Hall, provides ample facilities for traveling professional companies.

YOUNG MEN'S CHRISTIAN ASSOCIATION

FRANCIS FOSTER BRADSHAW, *Chairman, Board of Directors*
BILLY FRANCIS YANDELL, *President*
GEORGE CYRUS MACFARLAND, *Recording Secretary*
HARRY FULCHER COMER, *General Secretary*
EDWIN SIDNEY LANIER, *Self-help Secretary*
HELEN LOUISE HODGES, *Office Secretary*

The Young Men's Christian Association is an organization of students which seeks by precept and example to encourage right and wholesome Christian living. In this spirit it endeavors to extend a helping and active influence to every sphere of campus activity.

Not unaware of its essentially religious nature, it strives in every feasible way to make the religion of the campus very real and very genuine, and to uphold the Christian life as the ideal in conduct, thought, and temperament for every man. To those who are so inclined it offers unlimited opportunity for religious service and personal growth.

The Association has very greatly enlarged its program and staff in the past five years, keeping step with progress in all other departments of the University, and with the increase in student enrollment.

REGULATIONS

SPECIAL NOTICE TO STUDENTS

This catalogue, issued in the spring of each year, is intended to give such a description of the work of the University and such a digest of its rules as are needed by students. Neither the courses announced nor the rules given are valid beyond the succeeding year, for before the end of the succeeding year a new catalogue will have been issued, superseding all previous catalogues. Ordinarily a student may expect to be allowed to secure a degree in accordance with the requirements of the curriculum laid down in force when he first entered the University, or in any one subsequent catalogue published while he is a student; but the faculty reserves the right to make changes in curricula, as in rules, at any time when in its judgment such changes are for the best interests of the students and the University.

FRESHMAN WEEK

In order to facilitate the process of adjustment which the freshman must pass through, the University has set up a "freshman week" program. The events of this week include mental and physical measurements, pre-registration counseling, special lectures on student traditions, and social gatherings, in addition to the registration for courses. This program begins with a meeting of the entire freshman class in Memorial Hall at 2:00 p. m. on Friday, September 11, 1936. All students entering the University for the first time in the Freshman class are required to be present at this and all other appointments comprising the program of freshman week.

REGISTRATION

All new students except freshmen are expected to present themselves for registration THURSDAY, SEPTEMBER 17, 1936, between the hours of 9 a. m. and 5 p. m., at the places announced in the plan for registration. All are expected to complete their registration by Thursday, September 17. All men registering here for the first time will report for physical examination to the University Infirmary. Bills for tuition and fees are payable at the time of registration. For the winter and spring quarters all students in residence except those in the School of Law must register in December and March according to a schedule published immediately before the examinations for the fall and winter quarters begin.

Registration for credit for any course is limited to the first seven calendar days of a quarter unless the late registration is approved by the instructor concerned, the Dean, and the Administrative Board (or the Special Faculty) of the school.

PAYMENT OF BILLS

Bills for the fall quarter are payable Thursday, September 17. Bills for the winter and spring quarters are payable at the Business office on the first class day of the quarter. Failure to pay or to make proper arrangements for payment results in the assessment of an extra fee of $5.00.

DELAYED REGISTRATION

The penalty for delayed registration for any quarter is one month of strict attendance probation for each day of delay. Any student registering later than the time appointed for his registration must pay five dollars ($5.00) as an additional fee for delayed registration. No appeal from the imposition of either attendance probation or the late registration charge of five dollars will be granted, unless the delay is due to circumstances clearly beyond the student's control. Such appeals must be made in writing to the Dean of Administration, must show clearly good and sufficient justification for the delay in registering, and must bear the approval of the Dean of the division of the University in which the appellant is enrolled.

ARRANGEMENT OF COURSES

Attention is called to the reduction of credit for freshman and sophomore courses when taken late in the student's career. Only half credit is allowed if a regular freshman course is taken after a student begins his seventh quarter or if a regular sophomore course is taken after he begins his tenth quarter.

No student will be allowed to take fewer than fifteen credit hours a week. A load up to eighteen credit hours a week may be taken without any restrictions; one of nineteen or twenty credit hours a week requires a scholastic average of at least C in the preceding quarter; one of twenty-one or more credit hours a week requires a scholastic average of at least B in the preceding quarter *and* the approval of the Dean.

Students desiring to change their courses must make written application to their respective Deans for the desired changes. The application will be considered by the Dean and will be granted only after a careful consideration of the facts in each case. The written permission of the Dean must be presented at the office of the Assistant Registrar, room 8, the South Building, and payment may be made of

the fee of twenty-five cents for each item of change. Changes in registration are limited to the first seven calendar days of a quarter.

ASSIGNMENT OF ROOMS

The rooms in the University dormitories are assigned to students by the Cashier in the order of application, subject to the special regulations given below.

The University reserves the right to require any student whom for any reason it considers an undesirable tenant to vacate a room in the University dormitories.

In order to retain his room for the next scholastic year, a student must file with the Cashier before May 25 an application and a deposit of $5.00 as an option. Double rooms must be applied for by both intending occupants. The rooms thus applied for will be retained until September 1, when first payment of rent is due. The option deposit will be forfeited in case the applicant does not himself occupy the room and pay the rent. Rooms not applied for or made vacant by failure to pay at the proper date will be assigned in the order of application.

The right to occupy a room is not transferable and terminates with the expiration of the lease. Any attempt on the part of an occupant of a room to sell or transfer his right to occupancy shall be deemed a fraudulent transaction. The penalty for violating this rule shall be the forfeiture of the room by the new lessee.

The occupant of a room will be held directly responsible for any damage done to the furniture in his room or to the room.

No dogs shall be kept in the University dormitories. Breach of this regulation leads to forfeiture of the room.

CONDUCT

By order of the Board of Trustees the Faculty is directed to discipline or dismiss from the University any student who is known to engage in drinking intoxicating liquors, gambling, hazing in any form (presence at hazing is regarded as participation), or to be guilty of dissolute conduct. See also Student Government, page 44.

Students persistently neglectful of duty, or addicted to boisterous conduct or rowdyism may be required to leave the University.

Students, unless *bona fide* residents of Chapel Hill, when suspended from the University for disciplinary reasons, must leave the campus and Chapel Hill within forty-eight (48) hours or forfeit the right to readmission at any time.

ATTENDANCE

Due to the policy under which courses are given in the University, namely lectures, daily work, quizzes, and short final examinations, regular attendance upon meetings of classes is considered very important and is considered a student obligation.

Beginning with the spring quarter, 1936, the responsibility for attendance is in the hands of the instructors in the various courses. Departments may make uniform regulations governing attendance if they so desire.

Instructors in all cases are expected to keep a daily record of attendance and to report to the Associate Registrar the name of any student who has been absent three consecutive meetings of a class.

Instructors are expected to warn a student who has been absent more than seems reasonable. Further absences give instructors the right to request the Dean concerned to exclude such a student from the class. If the Dean knows extenuating circumstances he must confer with the instructor before the student is actually excluded.

Any student who has attained the honor roll during two successive quarters shall be exempt during the ensuing quarter from the regulations governing absences and shall be exempt thereafter so long as that student maintains the honor roll average. To the foregoing regulation there are to be the following exceptions: (a) the privilege of absences does not apply to requirements of attendance relative to written or laboratory work or to quizzes and examinations; (b) the privilege earned by the student shall be forfeited if that student is absent without excuse immediately before or immediately after holidays.

Departments or instructors may, on occasion, permit the student to attend or engage in an educational activity other than that of the class as a substitute for class attendance.

The Deans are expected to use their best judgment in the matter of allowing a student to remain in residence after having been dropped from one or more classes. The Deans will also coöperate with the instructors in bringing students to a realization of the consequences of excessive absences.

It is the duty of instructors to report to the Associate Registrar all absences occurring at the *beginning of each quarter and all those occurring immediately before and immediately after holidays. The penalty for such absences is loss of membership in the student body, requiring favorable action (for good cause) of the Committee of Deans before the student may be readmitted to the University.

Absences from class attendance for cause may be excused. Such absences are those due (a) **to participation in recognized University

* The Departments are expected to coöperate with the Deans in getting classes accurately organized by remaining on duty the whole day for the first few days of each quarter.

** Such authorized leaves of absence must be secured in advance.

activities, as those of the Glee Club, Debating and Athletic teams, and the Playmakers when occurring away from Chapel Hill, such excuses to be issued by the Assistant Registrar; (b) **those due to actual illness, testified to by the physician who attended the student in person during illness; and (c) *those due to emergencies caused by extraordinary circumstances, when excused by the Dean of the School concerned.

The Assistant Registrar will furnish to the student upon request a record of the days he has been excused for the information of instructors.

Any student who is absent from a quiz or an examination at the appointed time thereof without excuse as defined above will not be permitted to make up this quiz or examination. Any department may impose a fee not exceeding one dollar ($1.00) upon the student having excuse for such absence for the privilege of taking a special quiz or examination or a make-up laboratory exercise.

No student unless exempted by having attained the honor roll for two successive quarters shall be given credit in the University for any course unless that student has attended at least 75 per cent of the class meetings of the course during the quarter in which it is offered.

Departments may require students who have been absent, whether the absences are excused or not, to make up work covered during the periods thereof.

The grade of a student who quits a course without the permission of the Dean of his College or School is recorded officially as F.

The grade of a student who drops a course in which he is failing at that time shall be recorded as F, unless, in the judgment of his Dean, the reason for his failure be circumstances clearly beyond his control.

Attendance in Memorial Hall at 10:30 a. m. is required of freshmen on such days as are announced for assemblies. Absence from assembly will subject the student to discipline by his Adviser.

No student is allowed to absent himself from the University without written permission as provided above. This permission may, at the discretion of the executive, be granted only upon the formal request of the parent or guardian.

EXAMINATIONS

Regular written examinations are required at the end of each quarter in all courses except those the nature of which is such as to make written examinations unnecessary. Approval of such exceptions must be secured in advance from the Dean of the College.

Special examinations may be taken by students, who have received the condition grade (E), at the period of the special examinations

* Such authorized leaves of absence must be secured in advance.

** Excuses for illness must be reported within forty-eight hours from time of the beginning of the illness.

in September. Provided he has no conflict with a course regularly taken by him in the quarter such a student may take the examination with a class in the same subject at any regular quarter examination period within a year after he has made the grade E. The grade E becomes F if the student fails to pass the reëxamination whether in September or at a regular period.

Under no circumstances may a student stand a special examination to remove a condition grade (E) between the first and the last class days in any quarter unless such examination is requested by the Committee of Deans.

Special examinations for students who have been officially excused from regular examinations on account of sickness or have been absent on account of some necessary cause may be held at suitable times fixed by the Recorder and the instructors concerned. Such examinations must be taken within twelve (12) months of the date of absence.

To be entitled to take a special examination within a quarter, or at the September period, or at a regular quarter examination period, the student is required to file with the Recorder at least one week prior to the examination period a written notice that he desires to take such examination.

Final examinations except in laboratory practice may not be held at any times other than those specified in the preceding regulations.

No examinations may be held later than 6:30 p. m.

All examinations must be held in Chapel Hill.

Examinations should be limited to a period of two hours. In courses in which a considerable portion of the examination is of a *practical* nature the instructor may extend the time in his discretion.

No students other than the following may take the examination in any course: 1st—regularly enrolled members of the class whose names have been reported from the Recorder's office to the instructor as having been registered in due form for the course; and 2nd—those whose names have been reported from the Recorder's office as having the right to take special examinations on that course.

Students absent from an examination without an official excuse or present and failing to submit examination papers are reported "absent." This mark is equivalent in every respect to grade F or failure, and is so reckoned in the office of the Registrar.

Each student is required to subscribe his name to the following pledge or its equivalent on every paper: "I hereby certify that during this examination I have neither given nor received aid." The instructor should not report a grade for any student whose examination paper lacks this pledge.

Papers handed in at a special examination by students who have been officially excused from the regular examination will be graded; all others will be marked "passed" or "failed."

Schedules of examinations at the ends of the terms and in September are to be so arranged that examinations set for the last day of the period shall be set for the first day of the next period.

The order of examinations for the removal of conditions in September, 1936, will be as follows:

Monday, September 14

8:30 a.m.	Economics	8:30 a.m.	Music
	Romance Languages		History
	Zoölogy		Mathematics
11:00 a.m.	Education		Political Science
	English	2:00 p.m.	Compar. Literature
	German		Greek
			Physics
			Sociology

Tuesday, September 15

4:30 p.m.	Geology	8:30 a.m.	Botany
	Psychology		Engineering
	Rural Economics		Latin
11:00 a.m.	Chemistry		
	Commerce		
	Philosophy		

STANDING

After the close of each quarter reports of the standing of all students in all their studies are sent to parents or guardians. The reports are based upon the following system of marking:

Grade A, Excellent.
Grade B, Good.
Grade C, Fair.
Grade D, Barely passed.
Grade E, Conditioned.
Grade F, Failed.
*Grade I, Work incomplete.

GENERAL INFORMATION

When a student has shown marked deficiency in the use of English in any course, his grade in that course may have attached a "composition condition" (cc). This condition, while not affecting a student's eligibility for continuance in the University, must be removed before final credit will be allowed. Such conditions may be removed by the subsequent completion of the regular freshman courses in English, by

* The grade I may be converted into one of the other grades by completing within a period of twelve months such additional assignments as may be required by the instructor in the course. A grade of I not so converted becomes F.

passing a special examination (offered each quarter by the Department of English for this purpose), or by completing the non-credit course in elementary English composition.

A student must attain a grade of D to pass in any study. Grade E indicates that the student is conditioned but may remove the deficiency by special examination as explained above. Students receiving grade F must repeat the study to receive any credit for the same.

Any student, after conference with the instructor concerned may appeal from a course grade provided the appeal is presented in writing to the Dean of Administration within thirty regular college days after the grade has been recorded. The Dean of Administration, after bringing the appeal to the attention of the head of the department concerned, will refer it to the Administrative Board of the College (or School) in which the student is registered. The Board's decision shall be final.

To be eligible for graduation a student must secure the grade of C or higher on at least half of his work.

Interpretation of this ruling:

(1) The rule applies to all undergraduate students in the College and School of Commerce for work subsequent to September, 1930.

(2) A student who completes the required courses but with grades which do not entitle him to his degree will be allowed to take additional junior-senior courses until such time as he meets the requirement of the rule.

(3) Transfers with advanced standing will come under this rule only for those courses pursued at this Institution.

A student to be ranked as a Sophomore must have passed at least thirty-six quarter hours; to be ranked as a Junior, at least seventy-eight quarter hours; to be ranked as a Senior, at least one hundred, thirty-six quarter hours.

Undergraduate students, in order to be eligible to continue in the University, must qualify according to the following requirements: A freshman must pass some *academic work in each quarter, and a total of at least thirty quarter hours before beginning his fourth quarter. After the freshman year (three quarters) a student must pass at least ten hours each quarter. Ineligible persons are not to be considered members of the University. In case a student has been handicapped by circumstances beyond his control, he may appeal for readmission to the committee of Deans by means of a written petition stating his case and sent to the Registrar's office. Deficiencies may be made up by correspondence work or in the summer session, in which case only credits exceeding five hours credit so obtained shall count for re-

* For the purpose of this rule freshman courses in hygiene and physical education are not included in "academic work", but they may be counted in the total of thirty quarter hours required in three quarters. In case a freshman is exempt from the requirement of physical exercise, the number thirty is reduced by one quarter hour for each quarter he is exempt.

admission. In three quarters, therefore, a freshman must pass at least thirty hours, or thirty-five if he is making up a shortage by correspondence work or in the summer session; and one above freshman year similarly must pass at least thirty hours or thirty-five if he is making good a deficiency by correspondence work or in summer school.

No student who fails to qualify under the above regulations may be readmitted to *any division* of the University except by a special vote of the Faculty or a delegated committee of the Faculty. This delegated committee of the faculty will meet at 10:00 a.m. on the *last* Saturday in July, at 10:00 a.m. on the second day *before* the stated registration day at the opening of each quarter, and at 10:30 a.m. on the second day *after* the stated registration day at the opening of each quarter to consider written petitions of students who have definite and convincing reasons on which to base a request that the rule be waived. All petitions, except those of students in Law, Medicine, and Pharmacy, should be sent to the Registrar's office *in writing* and, to be considered, must be in hand *before* the stated meetings in that quarter in which the student seeks readmission. *Notice is given that the rule may be waived only once for any individual.*

WITHDRAWALS

Formal withdrawal, which is prerequisite to honorable dismissal or reëntrance to this institution, must be approved by the student's Dean to be valid. Such a withdrawal will be approved only after full investigation of the circumstances and after the lapse of twenty-four hours from the time the first application is filed with the Dean. The withdrawal form after approval by the Dean must be filed promptly with the Recorder in room 8, the South Building.

If a student withdraws after the mid-term and is reported as below passing in two or more courses, that quarter will be counted as a quarter in residence in all computations of his requirements for readmission. If a student withdraws before mid-term, it will be left to the discretion of the Dean as to whether or not that quarter is to be counted as a quarter in residence. The Dean's verdict will be indicated specifically on the form used for withdrawal.

FRATERNITIES

GENERAL REGULATIONS. Students may join fraternities after registration at the opening of any quarter or term provided they are eligible under the special regulations of the Faculty. Before a fraternity may initiate a pledge it must make written inquiry of the Assistant Registrar as to the eligibility of such pledge and must secure a written certificate of eligibility. Pledging of a student to join a fraternity is not allowed until he has been in the University a specified length of time as follows: If he matriculates for the first time in the University in the summer session or in the fall quarter, he may not be pledged

until the regular pledge date for the quarter; if in the winter quarter, until a similar date in that quarter; if in the spring quarter, until a similar date in that quarter. No student may be pledged during the summer session, but, if a student remains in the summer session for the full twelve weeks, it may be counted for him as a regular quarter towards meeting the requirements as to residence. A student entering the University with advanced standing, whether he enters an academic or a professional school, may not be pledged until the regular pledge date after the date of his matriculation in this institution; but in no case may a student be pledged during the summer session.

TRANSCRIPTS OF RECORD

Honorable dismissal has reference to conduct and character only. It will not be granted unless the student's standing as to conduct and character is such as to entitle him to continue in this University. Furthermore, in every statement of honorable dismissal full mention will be made of any probation, suspension, or other temporary restriction imposed for bad conduct which is still in force when the papers of dismissal are issued.

Statement of record has reference to the recorded results of a student's work in the classroom. It will in every instance contain all the important facts pertaining to the student's admission, classification, and scholarship. In particular, no partial or incomplete scholastic record (for example, with failures omitted) will be given without clear evidence that it is partial or incomplete. If the student's scholarship has been such as to prevent his continuance in this University or to render him subject to any probation, suspension, or other temporary restriction which is still in force at the date of the record, a plain statement of any and all such facts will be included, and such information will be given as will make clear the system of grades employed, the number of exercises a week devoted to each course, etc.

Transcripts of record, except the first which is furnished without cost, will be made upon payment of one dollar ($1.00) for each copy desired.

INTERCOLLEGIATE ATHLETICS

The University is a member of the Southern Conference and its rules necessarily conform to the rules of the Conference. Only a summary of the rules which affect the student are given here.

To be eligible to represent the institution in intercollegiate athletics, including freshman games, the student must have presented fifteen acceptable units for first admission; must be taking regular work as approved by his Dean; must be free from academic and conduct probation; must have been declared eligible by the faculty eligibility committee after convincing the committee that he receives no preferential treatment due to athletic ability by way of a scholarship, loan,

job, or other financial or material assistance; must not have taken part in any intercollegiate contest at any other college as a freshman or varsity player in the same sport in which he wishes to represent this University. If a student transfers from some other college he is not eligible for intercollegiate athletics on either freshman or varsity teams for twelve months from the date of first matericulation here unless he is a graduate of a Junior College which is a member of its regional accrediting agency. For this region the Southern Association of Colleges and Secondary Schools is the agency. Thus if a student transfers as a graduate from a Junior College which is a member of its regional accrediting agency he may participate in varsity athletics his first year here, but his total time of participation is limited to a period of five years from the time of first matriculation in any college including a Junior College. If a student has played upon the team of a Junior College while in the preparatory department of said college he will not be eligible for freshman or varsity teams during his first year in this University, but will be eligible for varsity athletics after one year. This same rule applies to a student who has been in a Junior College and who transfers before graduation.

No student will be allowed to take part in athletics until he has been declared physically fit by the University Physicians nor if his parents or guardians disapprove.

It may be said that the University lends all possible encouragement to students to take part in athletics, by way of playing fields, equipment, large coaching staff, good Physical Education Department, a full program of intercollegiate and intramural athletics, courses in hygiene and health, and directed physical training.

For further details in regard to athletics the student should write to Dr. A. W. Hobbs, Chairman, Faculty Committee on Athletics.